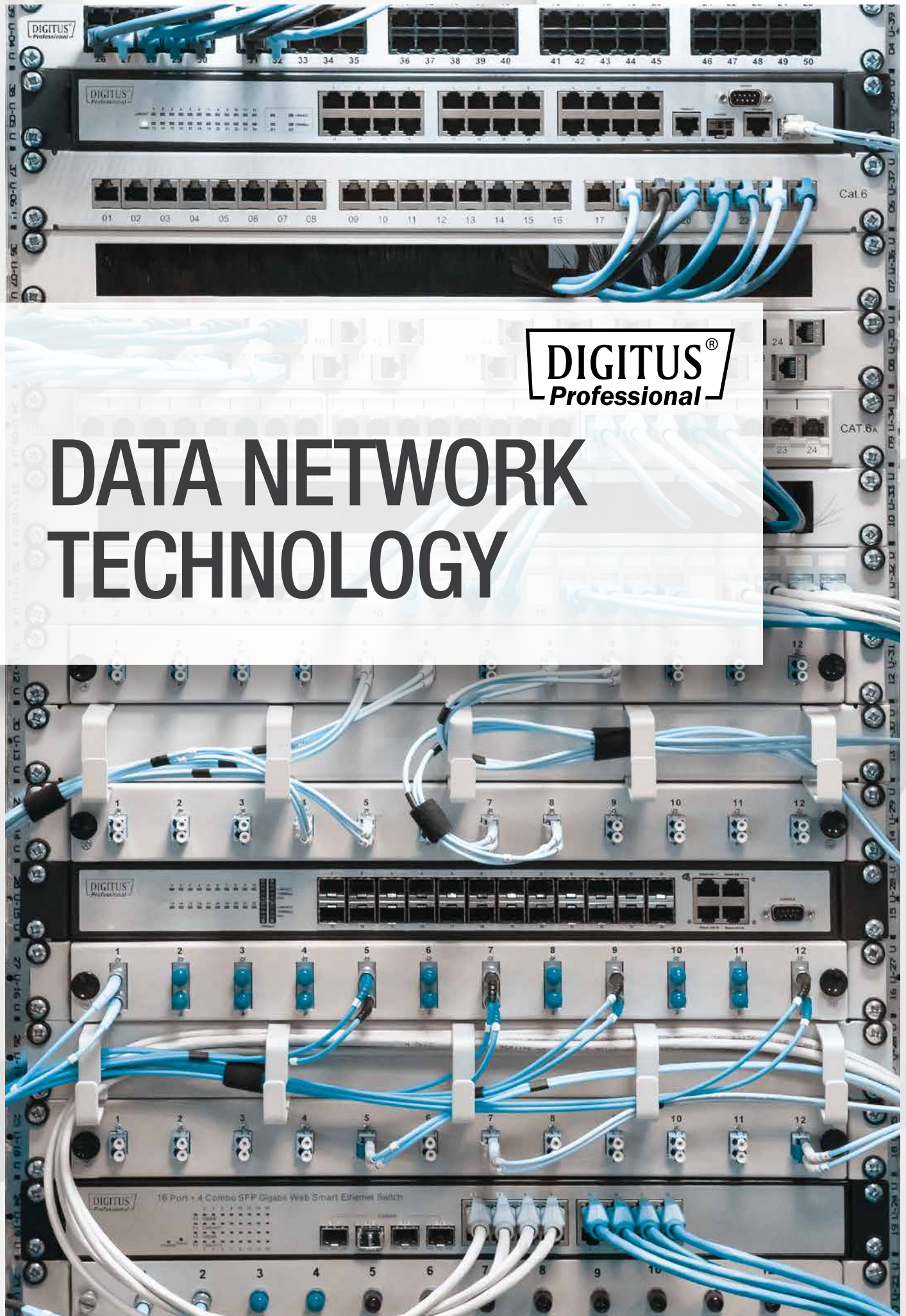




DIGITUS®
Professional

DATA NETWORK TECHNOLOGY



NETWORK AND SERVER CABINETS



COPPER COMPONENTS



FIBER OPTIC COMPONENTS



DATA TRANSMISSION AND VIDEO SOLUTIONS

varioFLEX Network and Server Cabinets // Network and Server Cabinets Unique Series // Network and Server Cabinets Dynamic Basic Series // Co-Location Server Cabinets // Industrial PC Cabinets // Open Racks, un-mounted // SOUNDproof Cabinets // Wall Mounting Cabinets // 254 mm (10") Network Components // Roof Ventilation Units // Plinth for Network and Server Cabinets // Shelves // L-Support Sliding Rails // Cable Management // 483 mm (19") Accessories // Power Outlet Strips // Uninterruptible Power Supply

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Structured Cabling // Twisted Pair Installation Cable // Twisted Pair Patch Cable, Bulk Goods // Patch Panel (LSA+) // Network Wall Outlets (LSA+) // 6-Connector-Channel-Link // Keystone Modules // Coupler // Patch Panel (Keystone) // Wall Outlets (Keystone) // Consolidation-Point Enclosure // Consolidation-Point Cable // Frame Set (Keystone) // DIN-Rail Adapter (Keystone) // Junction Box (LSA+) // RJ45 Plug // Modular Coupler // Patch Cables // Test Equipment // Tools // Industrial Solutions // Compatibility Lists

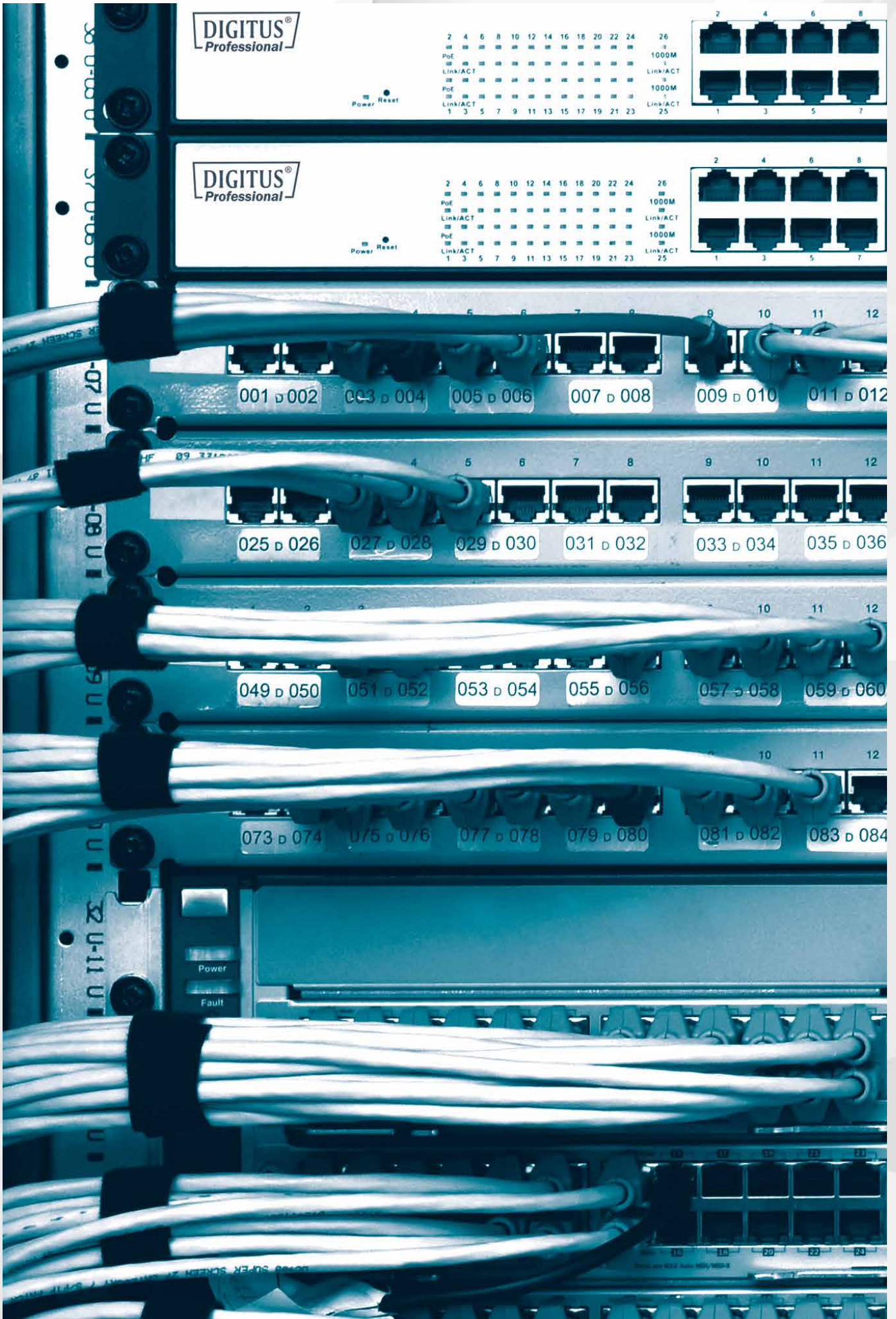
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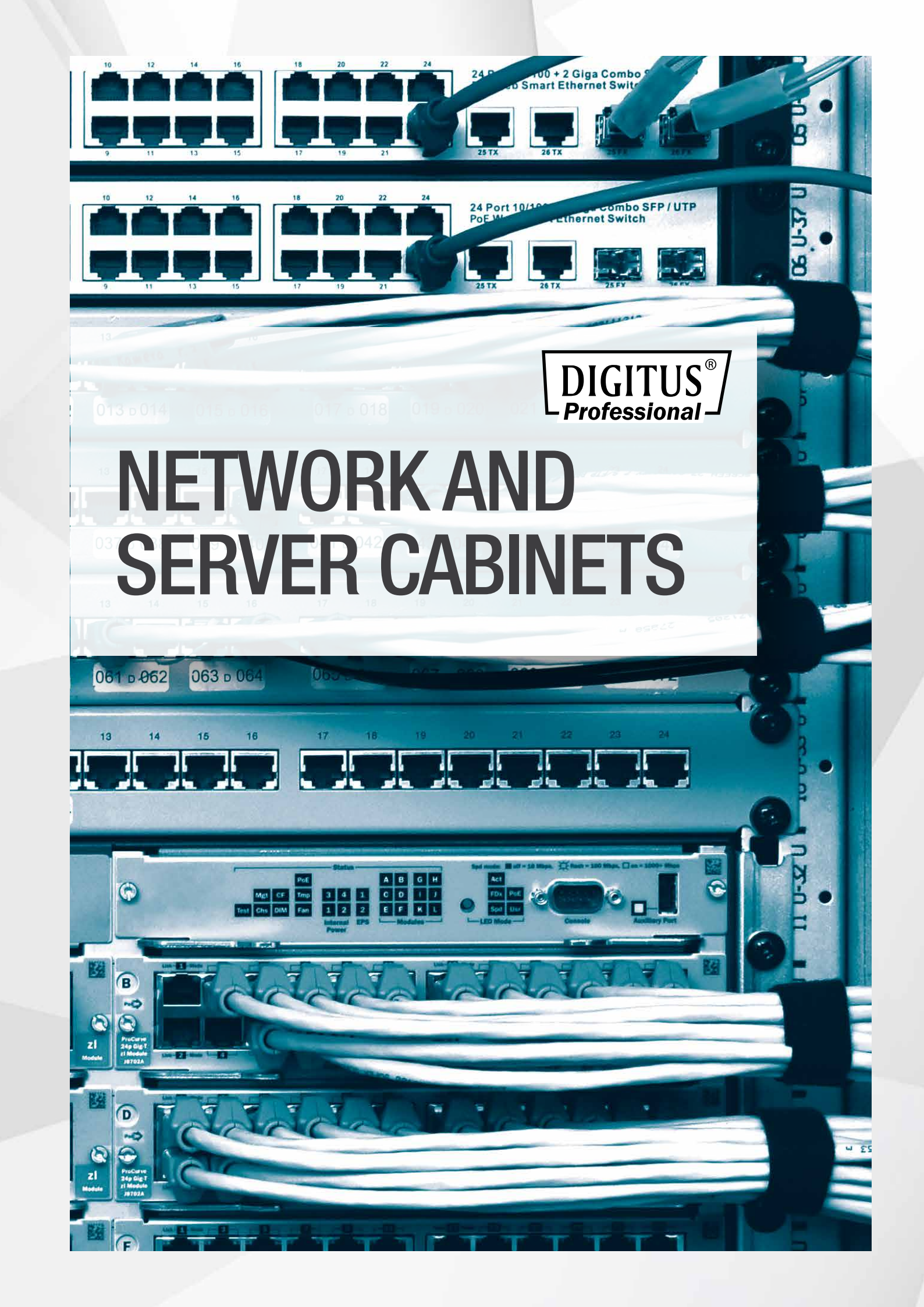
Installation Cables // Breakout Cables // Air-Blow Cables // Patch Cables // Pigtailed // Uniboot Cables // Couplers // Splice Cassettes // MPO/MTP® // Fiber Optic Splice Boxes // Aluminum Splice Boxes // 2U Fiber Optic Splice Boxes // Fiber Optic Accessories // Cable Management // Optical Distribution Frame Cabinets // Optical Wall Outlets/Distribution Boxes // Pipes // Fusion Splicers // Tools/Metering Devices

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NETWORK AND SERVER CABINETS



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Resilient. Efficient. Secure.

483 mm (19") network and server cabinets and accessories

Increasing amounts of data call for higher storage capacities. Even virtual data backup via the cloud is ultimately based on a physical datacenter. Consequently, a powerful and failsafe network is more important now than ever before. Our network and server cabinets offer maximum stability and flexibility for every application, while also laying the foundation for increased data security in your company, thanks to their individually adjustable closing mechanisms.

On the following pages you can learn more about our varioFLEX series of cabinets, for example. The main frames of our network and server cabinets contain highly resilient vertical supports. They are specially curved and are suitable for mounting cable management rings. The 483 mm (19") profile rails can support a weight of up to 1,200 kg. The exceptional stability of the 483 mm (19") cabinets is partly due to the injected aluminum edge connectors in the main frame. One important aspect when installing 483 mm (19") components is the question of where the cable inlet is located. With varioFLEX cabinets, the cable inlet can be fully customized to meet your individual requirements.

Explore these products and other cabinet series for your networking needs. In addition, we offer a very broad range of cabinet accessories, from air conditioning to cable management. We would be happy to offer you individual support in planning or expanding your datacenter.



Construction - varioFLEX Network- and Server Cabinets

The new varioFLEX cabinets are designed and produced for cabling and networking components. Our planners and designers came together to create a special 483 mm (19") cabinet range never seen before. Due to specific optimizations, the varioFLEX series offers maximum stability and flexibility for every need.

The front door consists of a complete metal frame with 4 mm tempered safety glass, reinforced with metal fixings which gives extra stability. Server cabinets are equipped with 70% perforated front and rear doors. A special lock system is present on front as well as rear doors. Cabinets with 800 mm width are equipped with a double opening rear door incl. 3-point locking mechanism. 270° door opening angle ensures best accessibility at all times. All side panels are lockable and equipped with two pieces of snap latches each, for easy removing. Every cabinet is equipped with galvanized 483 mm (19") profiles mounted on the front and rear side, which are connected to the main frame on depth bars from three points left and right each. They are adjustable in depth and with height unit marking. The roof as well as the bottom is equipped with 483 mm (19") dimensions blank panels (4U + 8U = total access of 12U) which allow any 483 mm (19") assembly and are easy to change with other accessories like vented panels, brushed panels, sliding entry panels, etc. Cabinets with 800 mm width are outfitted with brushed cable entries all the way of depth on the left and right sides of top and bottom.

Furthermore the 800 mm width cabinets from 32U are pre-configured with vertical cable management ducts with a special fixing unit to the main frame, separated from the 483 mm (19") profiles. Overall the main frame of varioFLEX cabinets is reinforced due to injected aluminum corner joints which give extra stability. Moreover they have heavy duty uprights, extra bended for high load capacities and the availability to assemble cable management rings. The completely mounted 483 mm (19") cabinets are available in different height units from 22U up to 47U and with a width of 600 or 800 mm and a depth of 600, 800 or 1000 mm. Standard color is grey (RAL 7035), other colors available on request.

Construction varioFLEX Network Cabinet // 600 mm width

Height unit	22U	26U	32U	36U	42U	47U
Height	1142	1320	1587	1764	2031	2253
Width	600	600	600	600	600	600
Depth	600, 800	600, 800, 1000	600, 800	600, 800, 1000	600, 800, 1000	600, 800, 1000
Standard color	Grey (RAL 7035)	Grey (RAL 7035)	Grey (RAL 7035)	Grey (RAL 7035)	Grey (RAL 7035)	Grey (RAL 7035)
Load capacity	1200 kg	1200 kg	1200 kg	1200 kg	1200 kg	1200 kg
Safety class	IP40	IP40	IP40	IP40	IP40	IP40

Delivery content						
Front door with tempered safety glass, lockable, with swing lever, single opening	1	1	1	1	1	1
Front door with 70% perforation, lockable, with swing lever, single opening	-	-	-	-	-	-
Rear door, steel, lockable, with swing lever, single opening	1	1	1	1	1	1
Rear door, steel, lockable, with swing lever, double opening	-	-	-	-	-	-
Rear door with 70% perforation, lockable, with swing lever, single opening	-	-	-	-	-	-
Rear door with 70% perforation, lockable, with swing lever, double opening	-	-	-	-	-	-
Lockable side panels, detachable, single piece	2	2	2	2	2	2
483 mm (19") profile rails, mounted in the front	2	2	2	2	2	2
483 mm (19") profile rails, mounted in the back	2	2	2	2	2	2
Depth support bars	2	2	4	4	4	4
Roof with brushed cable entries left + right, variable area with 483 mm (19") blank panels	-	-	-	-	-	-
Roof with variable area with 483 mm (19") blank panels	1	1	1	1	1	1
Bottom with brushed cable entries left + right, variable area with 483 mm (19") blank panels	-	-	-	-	-	-
Bottom with variable area with 483 mm (19") blank panels	1	1	1	1	1	1
Leveling feet	4	4	4	4	4	4
Cable management ducts in the front, complete height	-	-	-	-	-	-
Screw installation set	1	1	1	1	1	1

Construction varioFLEX Network Cabinet // 800 mm width

Height unit	32U	36U	42U	47U
Height	1587	1764	2031	2253
Width	800	800	800	800
Depth	800	800	800, 1000	800, 1000
Standard color	Grey (RAL 7035)	Grey (RAL 7035)	Grey (RAL 7035)	Grey (RAL 7035)
Load capacity	1200 kg	1200 kg	1200 kg	1200 kg
Safety class	IP40	IP40	IP40	IP40

Delivery content

Front door with tempered safety glass, lockable, with swing lever, single opening	1	1	1	1
Front door with 70% perforation, lockable, with swing lever, single opening	-	-	-	-
Rear door, steel, lockable, with swing lever, single opening	-	-	-	-
Rear door, steel, lockable, with swing lever, double opening	1	1	1	1
Rear door with 70% perforation, lockable, with swing lever, single opening	-	-	-	-
Rear door with 70% perforation, lockable, with swing lever, double opening	-	-	-	-
Lockable side panels, detachable, single piece	2	2	2	2
483 mm (19") profile rails, mounted in the front	2	2	2	2
483 mm (19") profile rails, mounted in the back	2	2	2	2
Depth support bars	4	4	4	4
Roof with brushed cable entries left + right, variable area with 483 mm (19") blank panels	1	1	1	1
Roof with variable area with 483 mm (19") blank panels	-	-	-	-
Bottom with brushed cable entries left + right, variable area with 483 mm (19") blank panels	1	1	1	1
Bottom with variable area with 483 mm (19") blank panels	-	-	-	-
Leveling feet	4	4	4	4
Cable management ducts in the front, complete height	2	2	2	2
Screw installation set	1	1	1	1

Construction varioFLEX Server Cabinet // 600 mm width

Height unit	26U	36U	42U	47U
Height	1320	1764	2031	2253
Width	600	600	600	600
Depth	1000	1000	1000	1000
Standard color	Grey (RAL 7035)	Grey (RAL 7035)	Grey (RAL 7035)	Grey (RAL 7035)
Load capacity	1200 kg	1200 kg	1200 kg	1200 kg
Safety class	IP40	IP40	IP40	IP40

Delivery content				
Front door with tempered safety glass, lockable, with swing lever, single opening	-	-	-	-
Front door with 70% perforation, lockable, with swing lever, single opening	1	1	1	1
Rear door, steel, lockable, with swing lever, single opening	-	-	-	-
Rear door, steel, lockable, with swing lever, double opening	-	-	-	-
Rear door with 70% perforation, lockable, with swing lever, single opening	1	1	1	1
Rear door with 70% perforation, lockable, with swing lever, double opening	-	-	-	-
Lockable side panels, detachable, single piece	2	2	2	2
483 mm (19") profile rails, mounted in the front	2	2	2	2
483 mm (19") profile rails, mounted in the back	2	2	2	2
Depth support bars	2	4	4	4
Roof with brushed cable entries left + right, variable area with 483 mm (19") blank panels	-	-	-	-
Roof with variable area with 483 mm (19") blank panels	1	1	1	1
Bottom with brushed cable entries left + right, variable area with 483 mm (19") blank panels	-	-	-	-
Bottom with variable area with 483 mm (19") blank panels	1	1	1	1
Leveling feet	4	4	4	4
Cable management ducts in the front, complete height	-	-	-	-
Screw installation set	1	1	1	1

Construction varioFLEX Server Cabinet // 800 mm width

Height unit	42U	47U
Height	2031	2253
Width	800	800
Depth	1000	1000
Standard color	Grey (RAL 7035)	Grey (RAL 7035)
Load capacity	1200 kg	1200 kg
Safety class	IP40	IP40

Delivery content

Front door with tempered safety glass, lockable, with swing lever, single opening	-	-
Front door with 70% perforation, lockable, with swing lever, single opening	1	1
Rear door, steel, lockable, with swing lever, single opening	-	-
Rear door, steel, lockable, with swing lever, double opening	-	-
Rear door with 70% perforation, lockable, with swing lever, single opening	-	-
Rear door with 70% perforation, lockable, with swing lever, double opening	1	1
Lockable side panels, detachable, single piece	2	2
483 mm (19") profile rails, mounted in the front	2	2
483 mm (19") profile rails, mounted in the back	2	2
Depth support bars	4	4
Roof with brushed cable entries left + right, variable area with 483 mm (19") blank panels	1	1
Roof with variable area with 483 mm (19") blank panels	-	-
Bottom with brushed cable entries left + right, variable area with 483 mm (19") blank panels	1	1
Bottom with variable area with 483 mm (19") blank panels	-	-
Leveling feet	4	4
Cable management ducts in the front, complete height	2	2
Screw installation set	1	1

varioFLEX Network Cabinets

600, 800 mm width - 600, 800, 1000 mm depth

YouTube



The varioFLEX Network Cabinets are designed to meet the high requirements of the IT infrastructure and cabling market. With special optimizations and the aesthetic looks, which are only provided by varioFLEX cabinets. They fulfill every requirement with maximized stability and flexibility.



Main Features

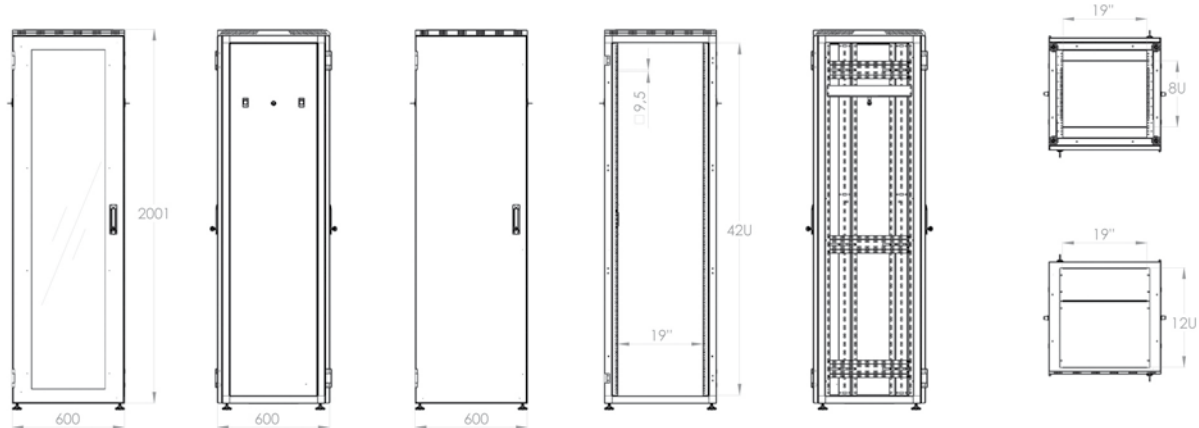
- Safety class rating IP40
- Complete metal frame front door with 4 mm tempered safety glass, reinforced with metal fixings
- Special lock system on front and rear doors with swing lever, ready for profile half cylinder
- Double wing opening rear door with swing lever (800 mm width cabinets); Single opening rear door (600 mm width cabinets)
- 270° door opening angle
- 3-point-locking mechanism on double wing opening rear doors; 1-point-locking mechanism on single opening rear doors
- Side panels are lockable and removable
- Incl. 4 pieces of leveling feet already pre-configured under the cabinet
- 483 mm (19") profiles mounted on the front and rear side of the cabinet, galvanized
- 483 mm (19") profiles connected to the main frame with depth bars from 3 points left and right each
- 483 mm (19") profiles adjustable in depth and with height unit marking
- Load capacity of 483 mm (19") profile rails: 1200 kg
- 800 mm width cabinets from 32U upwards are equipped with vertical cable management ducts in the front
- Reinforced main frame structure due to injected aluminum corner joints which give extra stability
- Heavy duty uprights, extra bended for high load capacities and to assemble cable management rings
- Top and bottom frames with closed profile material for maximum stability
- Roof and bottom with 483 mm (19") dimensions (total access of 12U), allowing any 483 mm (19") assembly
- Standard color grey (RAL 7035), other colors available on request
- Several earthing points, earthing leads are pluggable
- Rack is completely mounted
- Large range of equipment available

varioFLEX Network Cabinets

600, 800 mm width - 600, 800, 1000 mm depth



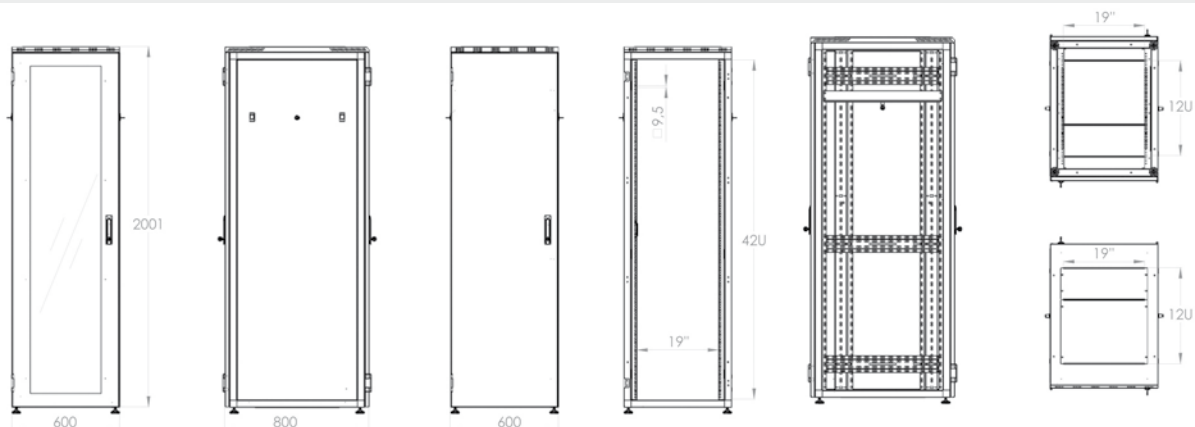
483 mm (19") varioFLEX Network Cabinet // 600x600 mm (WxD)



Product number information varioFLEX Network Cabinet // 600x600 mm (WxD)

Item code	EAN code	U	Color	RAL	Height (mm)	Width (mm)	Depth (mm)	Net weight (kg)	Load capacity (kg)
DN-19 22U-6/6-V	371069	22	Grey	7035	1142	600	600	65	1200
DN-19 26U-6/6-V	371076	26	Grey	7035	1320	600	600	72	1200
DN-19 32U-6/6-V	371083	32	Grey	7035	1587	600	600	82	1200
DN-19 36U-6/6-V	371090	36	Grey	7035	1764	600	600	88	1200
DN-19 42U-6/6-V	371106	42	Grey	7035	2031	600	600	98	1200
DN-19 47U-6/6-V	371113	47	Grey	7035	2253	600	600	106	1200

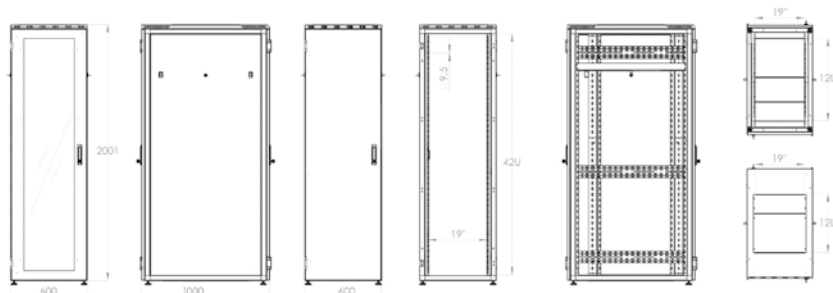
483 mm (19") varioFLEX Network Cabinet // 600x800 mm (WxD)



Product number information varioFLEX Network Cabinet // 600x800 mm (WxD)

Item code	EAN code	U	Color	RAL	Height (mm)	Width (mm)	Depth (mm)	Net weight (kg)	Load capacity (kg)
DN-19 22U-6/8-V	371120	22	Grey	7035	1142	600	800	77	1200
DN-19 26U-6/8-V	371137	26	Grey	7035	1320	600	800	84	1200
DN-19 32U-6/8-V	371144	32	Grey	7035	1587	600	800	94	1200
DN-19 36U-6/8-V	371168	36	Grey	7035	1764	600	800	100	1200
DN-19 42U-6/8-V	371175	42	Grey	7035	2031	600	800	111	1200
DN-19 47U-6/8-V	371199	47	Grey	7035	2253	600	800	119	1200

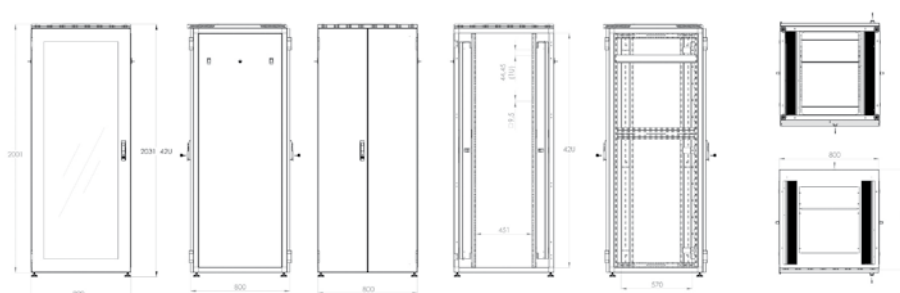
483 mm (19") varioFLEX Network Cabinet // 600x1000 mm (WxD)



Product number information varioFLEX Network Cabinet // 600x1000 mm (WxD)

Item code	EAN code	U	Color	RAL	Height (mm)	Width (mm)	Depth (mm)	Net weight (kg)	Load capacity (kg)
DN-19 26U-6/10-V	371205	26	Grey	7035	1320	600	1000	94	1200
DN-19 36U-6/10-V	371212	36	Grey	7035	1764	600	1000	112	1200
DN-19 42U-6/10-V	371229	42	Grey	7035	2031	600	1000	122	1200
DN-19 47U-6/10-V	371236	47	Grey	7035	2253	600	1000	131	1200

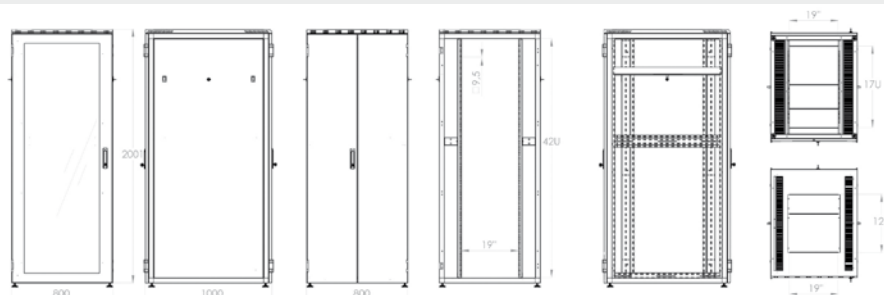
483 mm (19") varioFLEX Network Cabinet // 800x800 mm (WxD)



Product number information varioFLEX Network Cabinet // 800x800 mm (WxD)

Item code	EAN code	U	Color	RAL	Height (mm)	Width (mm)	Depth (mm)	Net weight (kg)	Load capacity (kg)
DN-19 32U-8/8-V	371335	32	Grey	7035	1587	800	800	111	1200
DN-19 36U-8/8-V	371366	36	Grey	7035	1764	800	800	118	1200
DN-19 42U-8/8-V	371397	42	Grey	7035	2031	800	800	130	1200
DN-19 47U-8/8-V	371403	47	Grey	7035	2253	800	800	139	1200

483 mm (19") varioFLEX Network Cabinet // 800x1000 mm (WxD)



Product number information varioFLEX Network Cabinet // 800x1000 mm (WxD)

Item code	EAN code	U	Color	RAL	Height (mm)	Width (mm)	Depth (mm)	Net weight (kg)	Load capacity (kg)
DN-19 42U-8/10-V	371243	42	Grey	7035	2031	800	1000	130	1200
DN-19 47U-8/10-V	371250	47	Grey	7035	2253	800	1000	139	1200

varioFLEX Server Cabinets

600, 800 mm width - 1000 mm depth

The varioFLEX Server Cabinets are designed to meet the high requirements of the IT infrastructure and cabling market. With special optimizations and the aesthetic looks, which are only provided by varioFLEX cabinets. They fulfill every requirement with maximized stability and flexibility.



Main Features

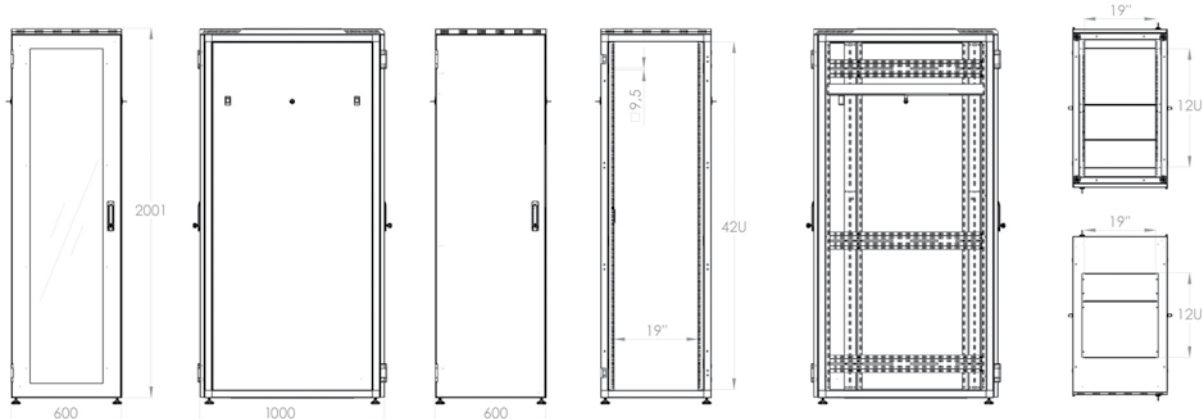
- Safety class rating IP40
- Front- and rear doors with 70% perforation
- Special lock system on front- and rear doors
- 270° door opening angle
- Double wing opening rear door with swing lever (800 mm width cabinets); Single opening rear door with lock (600 mm width cabinets), with 70% perforation
- 3-point-locking mechanism on double wing opening rear doors; 1-point-locking mechanism on single opening rear doors
- Side panels are lockable and removable
- Incl. 4 pieces of leveling feet already pre-configured under the cabinet
- 483 mm (19") profiles mounted on the front the rear side of the cabinet, galvanized
- 483 mm (19") profiles connected to the main frame with depth bars from 3 points left and right each
- 483 mm (19") profiles adjustable in depth and with height unit marking
- Load capacity of 483 mm (19") profile rails: 1200 kg
- 800 mm width cabinets from 32U upwards are equipped with vertical cable management ducts in the front
- Reinforced main frame structure due to 3D injected aluminum corner joints which give extra stability
- Heavy duty uprights, extra bended for high load capacities and to assemble cable management rings
- Top and bottom frames with closed profile material for maximum stability
- Roof and bottom with 483 mm (19") dimensions (total access of 12U), allowing any 483 mm (19") assembly
- Standard color grey (RAL 7035), other colors available on request
- Several earthing points, earthing leads are pluggable
- Rack is completely mounted
- Large range of equipment available

varioFLEX Server Cabinets

600, 800 mm width - 1000 mm depth



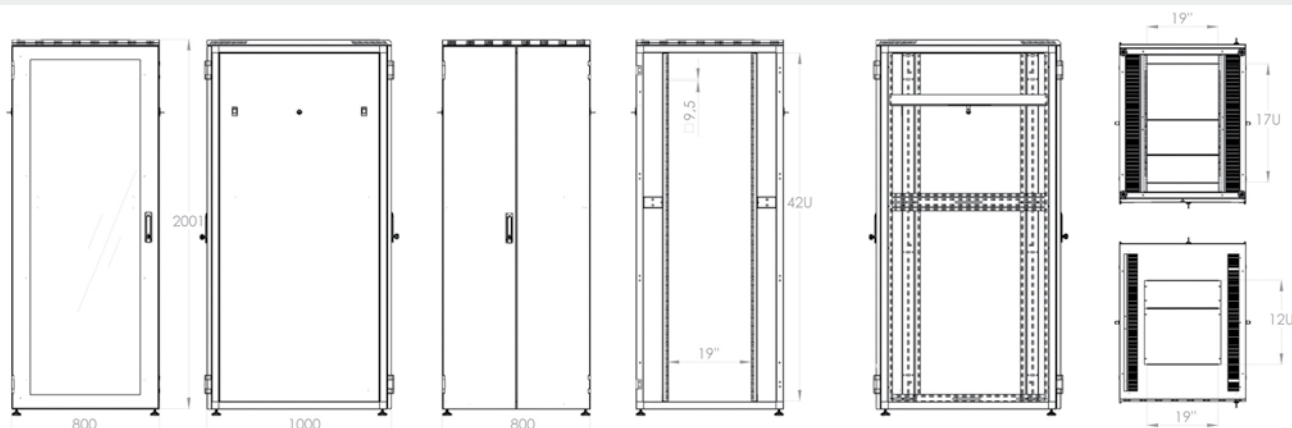
483 mm (19") varioFLEX Server Cabinet // 600x1000 mm (WxD)



Product number information varioFLEX Server Cabinet // 600x1000 mm (WxD)

Item code	EAN code	U	Color	RAL	Height (mm)	Width (mm)	Depth (mm)	Net weight (kg)	Load capacity (kg)
DN-19 SRV-26U-V	371267	26	Grey	7035	1320	600	1000	94	1200
DN-19 SRV-36U-V	371274	36	Grey	7035	1764	600	1000	112	1200
DN-19 SRV-42U-V	371281	42	Grey	7035	2031	600	1000	122	1200
DN-19 SRV-47U-V	371298	47	Grey	7035	2253	600	1000	131	1200

483 mm (19") varioFLEX Server Cabinet // 800x1000 mm (WxD)



Product number information varioFLEX Server Cabinet // 800x1000 mm (WxD)

Item code	EAN code	U	Color	RAL	Height (mm)	Width (mm)	Depth (mm)	Net weight (kg)	Load capacity (kg)
DN-19 SRV-42U-8/10-V	371304	42	Grey	7035	2031	800	1000	150	1200
DN-19 SRV-47U-8/10-V	371328	47	Grey	7035	2253	800	1000	163	1200

Not only the Egyptians built **solid** constructions...



DIGITUS® Unique Server Cabinets



Construction - Network and Server Cabinet Unique Series

The cabinets of the Unique Series are made out of 2 mm steel sheet metal and can be delivered in various colors. The color is created by powder coating. RAL 7035 and RAL 9005 are standard colors. The robust steel construction provides very good stability, a capacity of up to 1000 kg can be reached with the appropriate construction.

A minimum number of welded seams allows the cabinets to be completely dismantled in order to reach set-up locations which are difficult to reach. Simple dismantling of the front and rear doors allows the stop to be changed without any trouble so that the existing door can also be exchanged with other alternatives: Double opening, glass door or perforated.

The cabinets are provided with ventilated roofs facilitate air circulation and can be easily and quickly extended by adding prefabricated, built in air vane modules and thermostats for active ventilation. 483 mm (19") angular profiles installed at the back and front together with 3 to 4 pairs of depth support bars allow extensive development with 483 mm (19") products and give the opportunity of a clearly extended load capacity.

There are up to 2 options for the cable supply, protected by brush strips in the roof area, in the base and also at the back offer comfortable cable arrangement opportunities for many ranges of use. These are also extended by using cable ducts with front panels installed on the right and left hand side for cabinets with a width of 800 mm. Extensive accessories for the cable arrangement, storage, active ventilation, air extraction, additional construction and extension parts help to meet the many requirements and uses in daily use.

Construction Network Cabinet Unique Series // 600 mm width

Height unit	22U	26U	32U	36U	42U	47U
Height	1164	1342	1609	1787	2053	2275
Width	600	600	600	600	600	600
Depth	600, 800	600,800, 1000	600, 800	600, 800	600, 800, 1000, 1200	600, 800, 1000, 1200
Standard color	Grey (RAL 7035)	Grey (RAL 7035)	Grey (RAL 7035)	Grey (RAL 7035)	Grey (RAL 7035)	Grey (RAL 7035)
Load capacity	800 kg	800 kg	800 kg	800 kg	800 kg	800 kg
Safety class	IP20	IP20	IP20	IP20	IP20	IP20

Delivery content						
Front door with safety glass, lockable, with swing lever, single opening	1	1	1	1	1	1
Front door with 63% perforation, lockable, with swing lever, single opening	-	-	-	-	-	-
Rear door, steel, lockable, single opening	1	1	1	1	1	1
Rear door, steel, lockable, double opening	-	-	-	-	-	-
Rear door with 63% perforation, lockable, with swing lever, double opening	-	-	-	-	-	-
Lockable side panels, detachable, single piece	2	2	2	2	2	2
Lockable side panels, detachable, double	-	-	-	-	-	-
483 mm (19") profile rails, mounted in the front	2	2	2	2	2	2
483 mm (19") profile rails, mounted in the back	2	2	2	2	2	2
Depth support bars	-	2	4	4	4	4
Roof, ready for fan units	1	1	1	1	1	1
Roof with cable brush entries left + right, ready for fan units	-	-	-	-	-	-
Bottom with sliding cable entry	1	1	1	1	1	1
Bottom with sliding cable entry and cable brush entries left + right	-	-	-	-	-	-
Leveling feet	4	4	4	4	4	4
Castor set, 2 pieces lockable	-	-	-	-	-	-
Cable management ducts in the front, complete height	-	-	-	-	-	-
Screw installation set	1	1	1	1	1	1

Construction Network Cabinet Unique Series // 800 mm width

Height unit	22U	26U	32U	36U	42U	47U
Height	1164	1342	1609	1787	2053	2275
Width	800	800	800	800	800	800
Depth	800	800, 1000	800	800	800, 1000, 1200	800, 1000, 1200
Standard color	Grey (RAL 7035)	Grey (RAL 7035)	Grey (RAL 7035)	Grey (RAL 7035)	Grey (RAL 7035)	Grey (RAL 7035)
Load capacity	800 kg	800 kg	800 kg	800 kg	800 kg	800 kg
Safety class	IP20	IP20	IP20	IP20	IP20	IP20

Delivery content

Front door with safety glass, lockable, with swing lever, single opening	1	1	1	1	1	1
Front door with 63% perforation, lockable, with swing lever, single opening	-	-	-	-	-	-
Rear door, steel, lockable, single opening	-	-	-	-	-	-
Rear door, steel, lockable, double opening	1	1	1	1	1	1
Rear door with 63% perforation, lockable, with swing lever, double opening	-	-	-	-	-	-
Lockable side panels, detachable, single piece	1	1	1	1	1	1
Lockable side panels, detachable, double	-	-	-	-	-	-
483 mm (19") profile rails, mounted in the front	2	2	2	2	2	2
483 mm (19") profile rails, mounted in the back	2	2	2	2	2	2
Depth support bars	-	2	4	4	4	4
Roof, ready for fan units	-	-	-	-	-	-
Roof with cable brush entries left + right, ready for fan units	1	1	1	1	1	1
Bottom with sliding cable entry	-	-	-	-	-	-
Bottom with sliding cable entry and cable brush entries left + right	1	1	1	1	1	1
Leveling feet	4	4	4	4	4	4
Castor set, 2 pieces lockable	-	-	-	-	-	-
Cable management ducts in the front, complete height	-	-	2	2	2	2
Screw installation set	1	1	1	1	1	1

Construction Server Cabinet Unique Series // 600 mm width

Height unit	26U	36U	42U	47U
Height	1260	1705	1970	2192
Width	600	600	600	600
Depth	1000	1000	1000, 1200	1000, 1200
Standard color	Grey (RAL 7035)	Grey (RAL 7035)	Grey (RAL 7035)	Grey (RAL 7035)
Load capacity	1000 kg	1000 kg	1000 kg	1000 kg
Safety class	IP 20	IP 20	IP 20	IP 20

Delivery content				
Front door with safety glass, lockable, with swing lever, single opening	-	-	-	-
Front door with 63% perforation, lockable, with swing lever, single opening	1	1	1	1
Rear door, steel, lockable, single opening	-	-	-	-
Rear door, steel, lockable, double opening	-	-	-	-
Rear door with 63% perforation, lockable, with swing lever, single opening	1	1	1	1
Lockable side panels, detachable, single piece	-	-	-	-
Lockable side panels, detachable, double	1	1	1	1
483 mm (19") profile rails, mounted in the front	4	4	4	4
483 mm (19") profile rails, mounted in the back	4	4	4	4
Depth support bars	3	4	4	4
Roof, ready for fan units	-	-	-	-
Roof with cable brush entries left + right, ready for fan units	1	1	1	1
Bottom with sliding cable entry	-	-	-	-
Bottom with sliding cable entry and cable brush entries left + right	1	1	1	1
Leveling feet	4	4	4	4
Castor set, 2 pieces lockable	4	4	4	4
Cable management ducts in the front, complete height	-	-	-	-
Screw installation set	1	1	1	1

Construction Server Cabinet Unique Series // 800 mm width

Height unit	42U	47U
Height	1970	2192
Width	800	800
Depth	1000, 1200	1000, 1200
Standard color	Grey (RAL 7035)	Grey (RAL 7035)
Load capacity	1000 kg	1000 kg
Safety class	IP20	IP20

Delivery content

Front door with safety glass, lockable, with swing lever, single opening	-	-
Front door with 63% perforation, lockable, with swing lever, single opening	1	1
Rear door, steel, lockable, single opening	-	-
Rear door, steel, lockable, double opening	-	-
Rear door with 63% perforation, lockable, with swing lever, double opening	1	1
Lockable side panels, detachable, single piece	-	-
Lockable side panels, detachable, double	1	1
483 mm (19") profile rails, mounted in the front	2	2
483 mm (19") profile rails, mounted in the back	2	2
Depth support bars	4	4
Roof, ready for fan units	-	-
Roof with cable brush entries left + right, ready for fan units	1	1
Bottom with sliding cable entry	-	-
Bottom with sliding cable entry and cable brush entries left + right	1	1
Leveling feet	4	4
Castor set, 2 pieces lockable	4	4
Cable management ducts in the front, complete height	2	2
Screw installation set	1	1

Network Cabinet Unique Series

600, 800 mm width - 600, 800, 1000, 1200 mm depth

The Network Cabinets of the Unique Series are designed and produced for the high requirements of the IT infrastructure and cabling. With optimizations it provides an optimum performance between quality and added value. Each cabinet is designed with strength, ease of use and aesthetics in mind.



Main Features

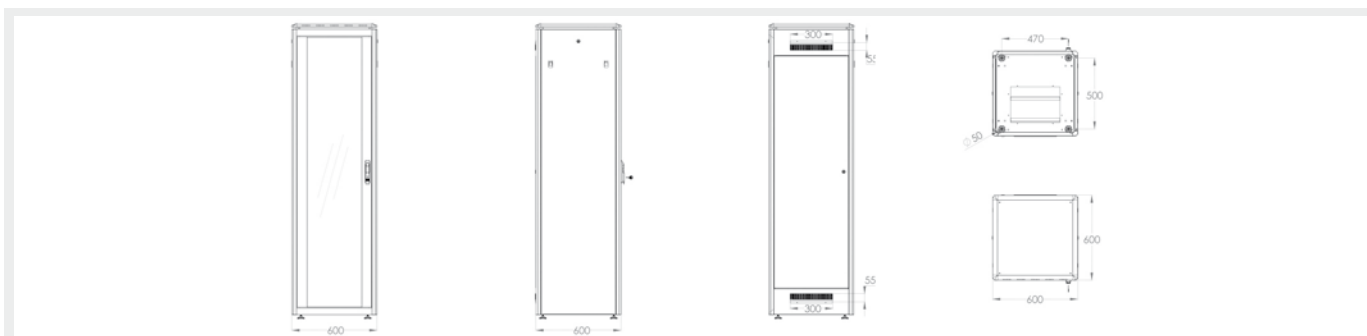
- Safety class rating IP20
- Steel front door with safety glass and swing lever, lockable
- Side panel and steel rear door, lockable
- EMKA lock system
- 120° door opening angle
- Door stop is easy to change
- High frame rigidity due to special plate curving technique
- 1.5 mm strong sheet steel
- Load capacity of 483 mm (19") profile rails: 800 kg
- 483 mm (19") profiles mounted on the front the rear side of the cabinet
- 483 mm (19") profiles adjustable in depth and with height unit marking
- 800 mm width cabinets from 32U upwards are equipped with vertical cable management ducts in the front
- Large cable entry panel with black cellular rubber seal on bottom
- Cable entry with brush strip at top and bottom of the cabinet rear side (from 26U)
- Incl. 4 pieces of leveling feet already pre-configured under the cabinet
- Special roof construction for fan units
- Standard color grey (RAL 7035) and black (RAL 9005); other colors are available on request
- Several earthing points for rack components
- Rack is completely mounted
- Large range of equipment available

Network Cabinet Unique Series

600, 800 mm width - 600, 800, 1000, 1200 mm depth



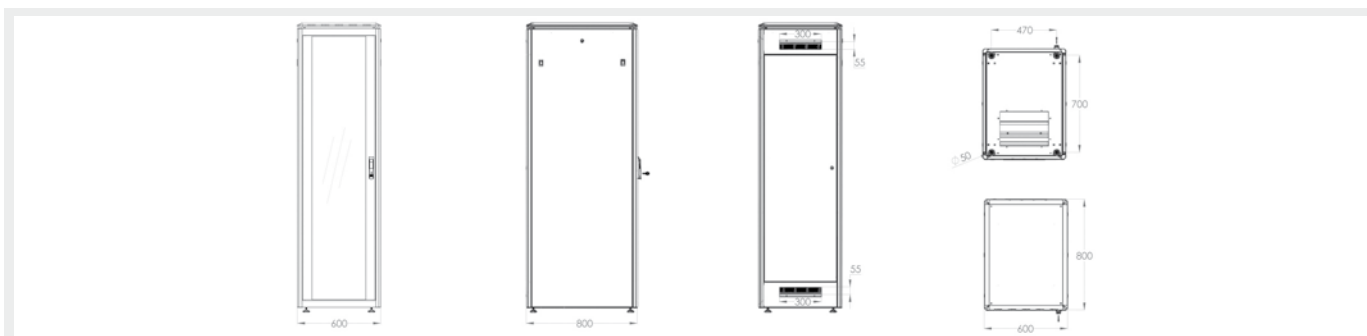
483 mm (19") Network Cabinet Unique Series // 600x600 mm (WxD)



Product number information Network Cabinet Unique Series // 600x600 mm (WxD)

Item code	EAN code	U	Color	RAL	Height (mm)	Width (mm)	Depth (mm)	Net weight (kg)	Load capacity (kg)
DN-19 22U-6/6-1	331100	22	Grey	RAL 7035	1164	600	600	47.9	800
DN-19 22U-6/6-B-1	332220	22	Black	RAL 9005	1164	600	600	47.9	800
DN-19 26U-6/6-1	331131	26	Grey	RAL 7035	1342	600	600	52.7	800
DN-19 26U-6/6-B-1	343592	26	Black	RAL 9005	1342	600	600	52.7	800
DN-19 32U-6/6-1	331049	32	Grey	RAL 7035	1609	600	600	60.9	800
DN-19 32U-6/6-B-1	337959	32	Black	RAL 9005	1609	600	600	60.9	800
DN-19 36U-6/6-1	332299	36	Grey	RAL 7035	1787	600	600	66.3	800
DN-19 36U-6/6-B-1	332305	36	Black	RAL 9005	1787	600	600	66.3	800
DN-19 42U-6/6-1	331179	42	Grey	RAL 7035	2053	600	600	73.7	800
DN-19 42U-6/6-B-1	353317	42	Black	RAL 9005	2053	600	600	73.7	800
DN-19 47U-6/6-1	332657	47	Grey	RAL 7035	2275	600	600	80	800
DN-19 47U-6/6-B-1	332664	47	Black	RAL 9005	2275	600	600	80	800

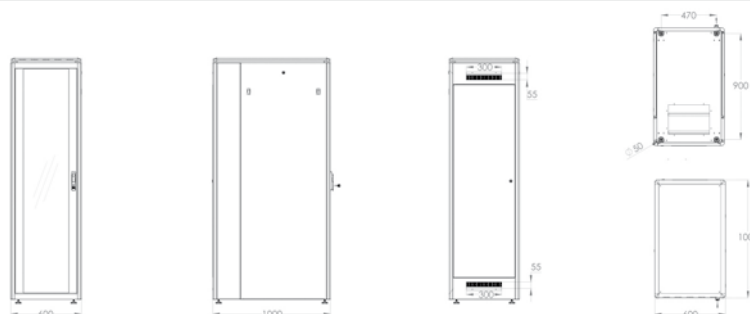
483 mm (19") Network Cabinet Unique Series // 600x800 mm (WxD)



Product number information Network Cabinet Unique Series // 600x800 mm (WxD)

Item code	EAN code	U	Color	RAL	Height (mm)	Width (mm)	Depth (mm)	Net weight (kg)	Load capacity (kg)
DN-19 22U-6/8-1	331117	22	Grey	RAL 7035	1164	600	800	64.2	800
DN-19 22U-6/8-B-1	332244	22	Black	RAL 9005	1164	600	800	64.2	800
DN-19 26U-6/8-1	331148	26	Grey	RAL 7035	1342	600	800	69.8	800
DN-19 26U-6/8-B-1	332268	26	Black	RAL 9005	1342	600	800	69.8	800
DN-19 32U-6/8-1	331155	32	Grey	RAL 7035	1609	600	800	79.9	800
DN-19 32U-6/8-B-1	332282	32	Black	RAL 9005	1609	600	800	79.9	800
DN-19 36U-6/8-1	332312	36	Grey	RAL 7035	1787	600	800	86.4	800
DN-19 36U-6/8-B-1	381105	36	Black	RAL 9005	1787	600	800	86.4	800
DN-19 42U-6/8-1	331056	42	Grey	RAL 7035	2053	600	800	90	800
DN-19 42U-6/8-B-1	332435	42	Black	RAL 9005	2053	600	800	90	800
DN-19 47U-6/8-1	149132	47	Grey	RAL 7035	2275	600	800	99.9	800
DN-19 47U-6/8-B-1	377955	47	Black	RAL 9005	2275	600	800	99.9	800

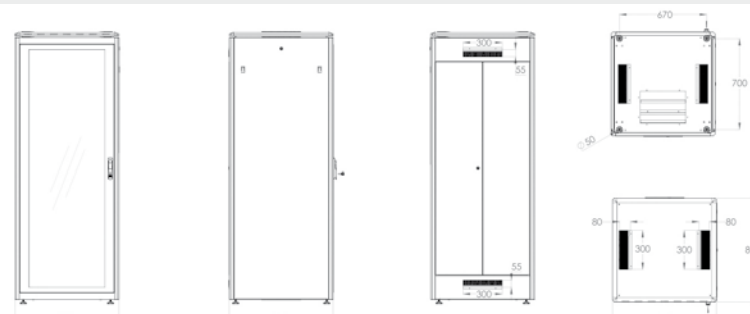
483 mm (19") Network Cabinet Unique Series // 600x1000 mm (WxD)



Product number information Network Cabinet Unique Series // 600x1000 mm (WxD)

Item code	EAN code	U	Color	RAL	Height (mm)	Width (mm)	Depth (mm)	Net weight (kg)	Load capacity (kg)
DN-19 26U-6/10-1	4016032332251	26	Grey	RAL 7035	1342	600	1000	77	800
DN-19 26U-6/10-B-1	4016032377962	26	Black	RAL 9005	1342	600	1000	77	800
DN-19 42U-6/10-1	4016032332381	42	Grey	RAL 7035	2053	600	1000	107	800
DN-19 42U-6/10-B-1	4016032332398	42	Black	RAL 9005	2053	600	1000	107	800
DN-19 47U-6/10-1	4016032332640	47	Grey	RAL 7035	2275	600	1000	116	800
DN-19 47U-6/10-B-1	4016032377979	47	Black	RAL 9005	2275	600	1000	116	800

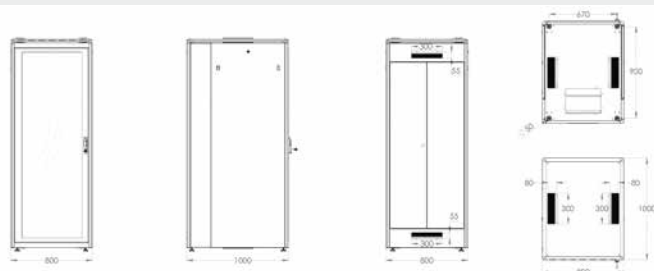
483 mm (19") Network Cabinet Unique Series // 800x800 mm (WxD)



Product number information Network Cabinet Unique Series // 800x800 mm (WxD)

Item code	EAN code	U	Color	RAL	Height (mm)	Width (mm)	Depth (mm)	Net weight (kg)	Load capacity (kg)
DN-19 22U-8/8-1	331124	22	Grey	RAL 7035	1164	800	800	68	800
DN-19 22U-8/8-B-1	344322	22	Black	RAL 9005	1164	800	800	68	800
DN-19 26U-8/8-1	353515	26	Grey	RAL 7035	1342	800	800	81	800
DN-19 26U-8/8-B-1	377986	26	Black	RAL 9005	1342	800	800	81	800
DN-19 32U-8/8-1	331162	32	Grey	RAL 7035	1609	800	800	96	800
DN-19 32U-8/8-B-1	343394	32	Black	RAL 9005	1609	800	800	96	800
DN-19 36U-8/8-1	332329	36	Grey	RAL 7035	1787	800	800	110	800
DN-19 36U-8/8-B-1	332336	36	Black	RAL 9005	1787	800	800	110	800
DN-19 42U-8/8-1	334217	42	Grey	RAL 7035	2053	800	800	129	800
DN-19 42U-8/8-B-1	343585	42	Black	RAL 9005	2053	800	800	129	800
DN-19 47U-8/8-1	166740	47	Grey	RAL 7035	2275	800	800	143	800
DN-19 47U-8/8-B-1	377993	47	Black	RAL 9005	2275	800	800	143	800

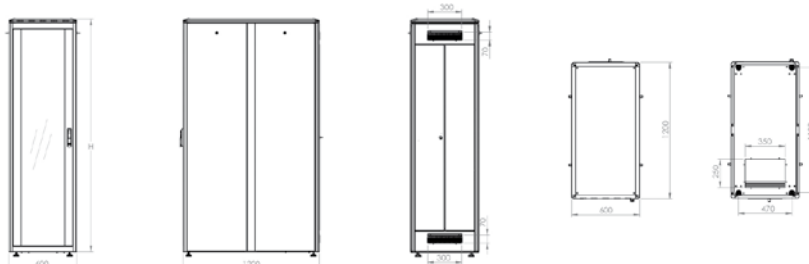
483 mm (19") Network Cabinet Unique Series // 800x1000 mm (WxD)



Product number information Network Cabinet Unique Series // 800x1000 mm (WxD)

Item code	EAN code	U	Color	RAL	Height (mm)	Width (mm)	Depth (mm)	Net weight (kg)	Load capacity (kg)
DN-19 26U-8/10-1	341161	26	Grey	RAL 7035	1342	800	1000	88	800
DN-19 26U-8/10-B-1	370789	26	Black	RAL 9005	1342	800	1000	88	800
DN-19 42U-8/10-1	331186	42	Grey	RAL 7035	2053	800	1000	145	800
DN-19 42U-8/10-B-1	332442	42	Black	RAL 9005	2053	800	1000	145	800
DN-19 47U-8/10-1	353522	47	Grey	RAL 7035	2275	800	1000	159	800
DN-19 47U-8/10-B-1	378006	47	Black	RAL 9005	2275	800	1000	159	800

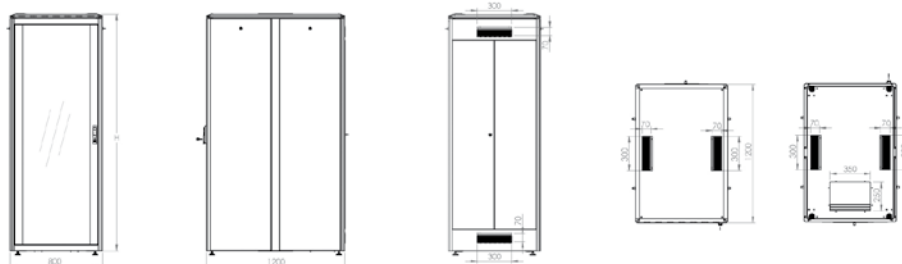
483 mm (19") Network Cabinet Unique Series // 600x1200 mm (WxD)



Product number information Network Cabinet Unique Series // 600x1200 mm (WxD)

Item code	EAN code	U	Color	RAL	Height (mm)	Width (mm)	Depth (mm)	Net weight (kg)	Load capacity (kg)
DN-19 42U-6/12-1	364252	42	Grey	7035	2053	600	1200	133	800
DN-19 42U-6/12-1B	364269	42	Black	9005	2053	600	1200	133	800
DN-19 47U-6/12-1	364283	47	Grey	7035	2275	600	1200	149	800
DN-19 47U-6/12-1B	364290	47	Black	9005	2275	600	1200	149	800

483 mm (19") Network Cabinet Unique Series // 800x1200 mm (WxD)



Product number information Network Cabinet Unique Series // 800x1200 mm (WxD)

Item code	EAN code	U	Color	RAL	Height (mm)	Width (mm)	Depth (mm)	Net weight (kg)	Load capacity (kg)
DN-19 42U-8/12-1	361879	42	Grey	7035	2053	800	1200	152	800
DN-19 42U-8/12-1B	364276	42	Black	9005	2053	800	1200	152	800
DN-19 47U-8/12-1	364306	47	Grey	7035	2275	800	1200	169	800
DN-19 47U-8/12-1B	364313	47	Black	9005	2275	800	1200	169	800

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Server Cabinet Unique Series

600, 800 mm width - 1000, 1200 mm depth

The Server Cabinets of the Unique Series are designed and produced for the high requirements of the IT infrastructure and cabling. With optimizations it provides an optimum performance between quality and added value. Each cabinet is designed with strength, ease of use and aesthetics in mind.



Main Features

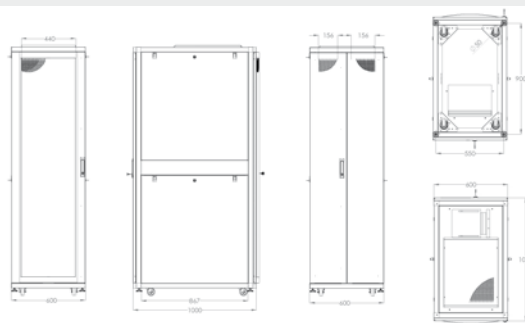
- Safety class rating IP20
- 63% perforated steel front- and rear doors with swing lever and profile half cylinder
- Front door with 4-point-locking-mechanism, rear door with 3-point-locking-mechanism
- Side panels lockable
- 230° door opening angle, front and rear door
- Door stop is easy to change
- High frame rigidity due to special plate curving technique
- 1.5 mm strong sheet steel
- Load capacity of 19" profile rails: 1000 kg
- 483 mm (19") profiles mounted on the front the rear side of the cabinet
- 483 mm (19") profiles adjustable in depth and with height unit marking
- Large cable entry panel with black cellular rubber seal on bottom
- Incl. 4 pieces of leveling feet already pre-configured under the cabinet
- Incl. 4 pieces of castor already pre-configured under the cabinet
- Special roof construction for fan units
- Standard color grey (RAL 7035) and black (RAL 9005); other colors are available on request
- Several earthing points for rack components
- Rack is completely mounted
- Large range of equipment available

Server Cabinet Unique Series

600, 800 mm width - 1000, 1200 mm depth



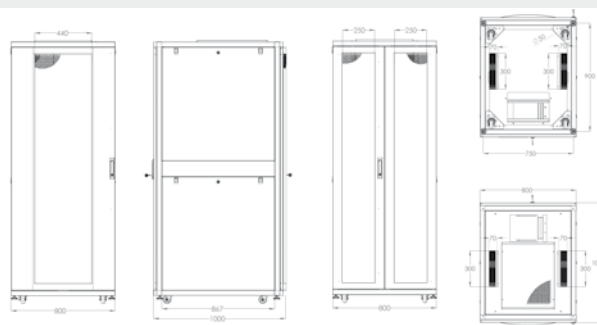
483 mm (19") Server Cabinet Unique Series // 600x1000 mm (WxD)



Product number information Server Cabinet Unique Series // 600x1000 mm (WxD)

Item code	EAN code	Variant	U	Color	RAL	Height (mm)	Width (mm)	Depth (mm)	Net weight (kg)	Load capacity (kg)
DN-19 SRV-26U-1	331339	perforated door	26	Grey	7035	1260	600	1000	70	1000
DN-19 SRV-26U-B-1	332503	perforated door	26	Black	9005	1260	600	1000	70	1000
DN-19 SRV-26U-GD-1	334231	glass door	26	Grey	7035	1260	600	1000	70	1000
DN-19 SRV-26U-B-G-1	332497	glass door	26	Black	9005	1260	600	1000	70	1000
DN-19 SRV-36U-1	332527	perforated door	36	Grey	7035	1705	600	1000	97.2	1000
DN-19 SRV-36U-B-1	332541	perforated door	36	Black	9005	1705	600	1000	97.2	1000
DN-19 SRV-36U-G-1	332510	glass door	36	Grey	7035	1705	600	1000	97.2	1000
DN-19 SRV-36U-B-G	332534	glass door	36	Black	9005	1705	600	1000	97.2	1000
DN-19 SRV-42U-N-1	334248	perforated door	42	Grey	7035	1970	600	1000	114	1000
DN-19 SRV-42U-B-1	332404	perforated door	42	Black	9005	1970	600	1000	114	1000
DN-19 SRV-42U-GD-1	332589	glass door	42	Grey	7035	1970	600	1000	114	1000
DN-19 SRV-42U-B-GD-1	332596	glass door	42	Black	9005	1970	600	1000	114	1000
DN-19 SRV-47U-N	205838	perforated door	47	Grey	7035	2192	600	100	127	1000
DN-19 SRV-47U-B-1	372530	perforated door	47	Black	9005	2192	600	100	127	1000
DN-19 SRV-47U-GD-1	333135	glass door	47	Grey	7035	2192	600	100	127	1000
DN-19 SRV-47U-B-GD-1	378075	glass door	47	Black	9005	2192	600	100	127	1000

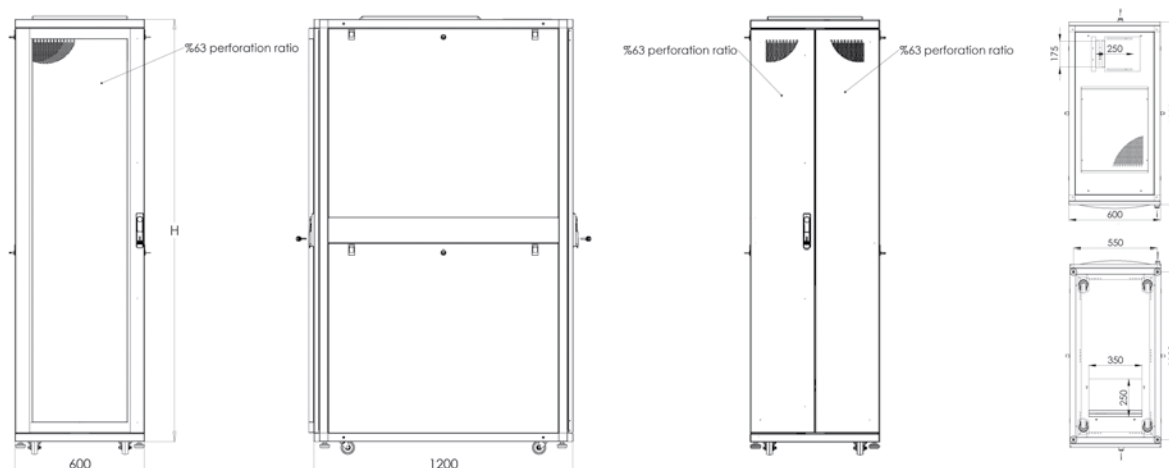
483 mm (19") Server Cabinet Unique Series // 800x1000 mm (WxD)



Product number information Server Cabinet Unique Series // 800x1000 mm (WxD)

Item code	EAN code	Variant	U	Color	RAL	Height (mm)	Width (mm)	Depth (mm)	Net weight (kg)	Load capacity (kg)
DN-19 SRV-42U-8-N-1	334224	perforated door	42	Grey	7035	1970	800	1000	128	1000
DN-19 SRV-42U-8-B	331766	perforated door	42	Black	9005	1970	800	1000	128	1000
DN-19 SRV-42U-8-GD-1	378082	glass door	42	Grey	7035	1970	800	1000	128	1000
DN-19 SRV-42U-8-B-GD	336600	glass door	42	Black	9005	1970	800	1000	128	1000
DN-19 SRV-47U-8-1	333111	perforated door	47	Grey	7035	2192	800	1000	145	1000
DN-19 SRV-47U-8-B-1	333128	perforated door	47	Black	9005	2192	800	1000	145	1000
DN-19 SRV-47U-8-GD-1	333104	glass door	47	Grey	7035	2192	800	1000	145	1000
DN-19 SRV-47U-8-B-GD	378099	glass door	47	Black	9005	2192	800	1000	145	1000

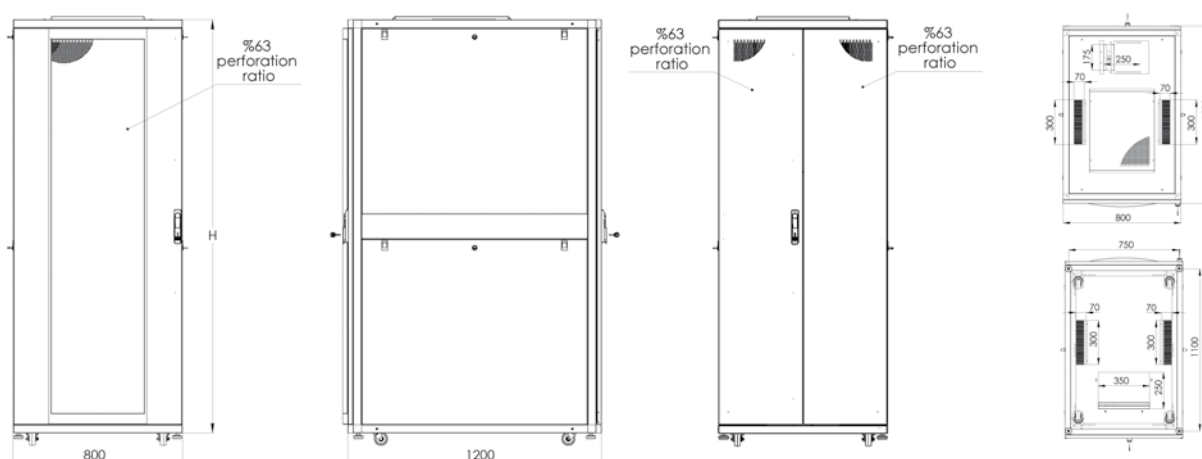
483 mm (19") Server Cabinet Unique Series // 600x1200 mm (WxD)



Product number information Server Cabinet Unique Series // 600x1200 mm (WxD)

Item code	EAN code	Variant	U	Color	RAL	Height (mm)	Width (mm)	Depth (mm)	Net weight (kg)	Load capacity (kg)
DN-19 SRV-42U-6/12	364320	perforated door	42	Grey	7035	1970	600	1200	125	1000
DN-19 SRV-42U-6/12B	364337	perforated door	42	Black	9005	1970	600	1200	125	1000
DN-19 SRV-47U-6/12	364351	perforated door	47	Grey	7035	2192	600	1200	136	1000
DN-19 SRV-47U-6/12B	364368	perforated door	47	Black	9005	2192	600	1200	136	1000

483 mm (19") Server Cabinet Unique Series // 800x1200 mm (WxD)



Product number information Server Cabinet Unique Series // 800x1200 mm (WxD)

Item code	EAN code	Variant	U	Color	RAL	Height (mm)	Width (mm)	Depth (mm)	Net weight (kg)	Load capacity (kg)
DN-19 SRV-42U-8/12	361381	perforated door	42	Grey	7035	1970	800	1200	144	1000
DN-19 SRV-42U-8/12B	364344	perforated door	42	Black	9005	1970	800	1200	144	1000
DN-19 SRV-47U-8/12	364375	perforated door	47	Grey	7035	2192	800	1200	159	1000
DN-19 SRV-47U-8/12B	364382	perforated door	47	Black	9005	2192	800	1200	159	1000



Construction - Network- and Server Cabinets Dynamic Basic Series

The Network Cabinet Dynamic Basic Series is designed and produced for cabling and networking components. They provide maximum optimization results to an optimum performance in between quality and added value. Each cabinet is designed with strength, ease of use and aesthetics in mind.

Features, such as 1 unit marking on the mounting profiles, easy and quick release of the doors and side panels, fully adjustable front and rear profiles of the cabinet, make this product extremely attractive to installers.

The design of the Dynamic Basic Series is rounded up with the use of a framed smoked safety glass front door, fitted with a swing handle lock. The door hinging can be quickly reversed left to right.

The Dynamic Basic Series is available in heights from 22 units up to 47 units. A various size of 600 mm and 800 mm depth is in the portfolio of the Dynamic Basic Series. Each cabinet includes a lockable glass front door, a lockable steel rear panel and lockable side panels. 2 sets of adjustable mounting profiles and a cable entry at the bottom are equipped. Furthermore the roof is prepared for fan trays.

Construction Network Cabinet Dynamic Basic Series // 600 mm width

Height unit	22U	26U	32U	42U
Height	1125	1300	1560	2010
Width	600	600	600	600
Depth	600, 800	600, 800	600, 800	600, 800
Standard color	Grey (RAL 7035)	Grey (RAL 7035)	Grey (RAL 7035)	Grey (RAL 7035)
Load capacity	600	600	600	600
Safety class	IP20	IP20	IP20	IP20

Delivery content				
Front door with safety glass, lockable, with swing lever, single opening	1	1	1	1
Front door with 63% perforation, lockable, with swing lever, single opening	-	-	-	-
Rear panel, steel, lockable, single opening	1	1	1	1
Lockable side panels, detachable, single piece	2	2	2	2
483 mm (19") profile rails, mounted in the front	2	2	2	2
483 mm (19") profile rails, mounted in the back	2	2	2	2
Roof, ready for fan units (pre-punched entries)	1	1	1	1
Bottom with pre-punched cable entry and plastic covers left + right	-	-	-	-
Bottom with pre-punched cable entry	1	1	1	1
Leveling feet	4	4	4	4
Screw installation set	1	1	1	1

Construction Network Cabinet Dynamic Basic Series // 800 mm width

Height unit	32U	42U
Height	1560	2010
Width	800	800
Depth	800	800
Standard color	Grey (RAL 7035)	Grey (RAL 7035)
Load capacity	600	600
Safety class	IP20	IP20

Delivery content		
Front door with safety glass, lockable, with swing lever, single opening	1	1
Front door with 63% perforation, lockable, with swing lever, single opening	-	-
Rear panel, steel, lockable, single opening	1	1
Lockable side panels, detachable, single piece	2	2
483 mm (19") profile rails, mounted in the front	2	2
483 mm (19") profile rails, mounted in the back	2	2
Roof, ready for fan units (pre-punched entries)	1	1
Bottom with pre-punched cable entry and plastic covers left + right	1	1
Bottom with pre-punched cable entry	-	-
Leveling feet	4	4
Screw installation set	1	1

Construction Server Cabinet Dynamic Basic Series // 600 mm width

Height unit	26U	42U
Height	1300	2010
Width	600	600
Depth	1000	1000
Standard color	Grey (RAL 7035)	Grey (RAL 7035)
Load capacity	600	600
Safety class	IP20	IP20

Delivery content

Front door with safety glass, lockable, with swing lever, single opening	-	-
Front door with 63% perforation, lockable, with swing lever, single opening	1	1
Rear panel, steel, lockable, single opening	1	1
Lockable side panels, detachable, single piece	2	2
483 mm (19") profile rails, mounted in the front	2	2
483 mm (19") profile rails, mounted in the back	2	2
Roof, ready for fan units (pre-punched entries)	1	1
Bottom with pre-punched cable entry and plastic covers left + right	-	-
Bottom with pre-punched cable entry	1	1
Leveling feet	4	4
Screw installation set	1	1

Construction Server Cabinet Dynamic Basic Series // 800 mm width

Height unit	42U
Height	2010
Width	800
Depth	1000
Standard color	Grey (RAL 7035)
Load capacity	600
Safety class	IP20

Delivery content

Front door with safety glass, lockable, with swing lever, single opening	-
Front door with 63% perforation, lockable, with swing lever, single opening	1
Rear panel, steel, lockable, single opening	1
Lockable side panels, detachable, single piece	2
483 mm (19") profile rails, mounted in the front	2
483 mm (19") profile rails, mounted in the back	2
Roof, ready for fan units (pre-punched entries)	1
Bottom with pre-punched cable entry and plastic covers left + right	1
Bottom with pre-punched cable entry	-
Leveling feet	4
Screw installation set	1

Network Cabinets Dynamic Basic Series

600, 800 mm width - 600, 800 mm depth

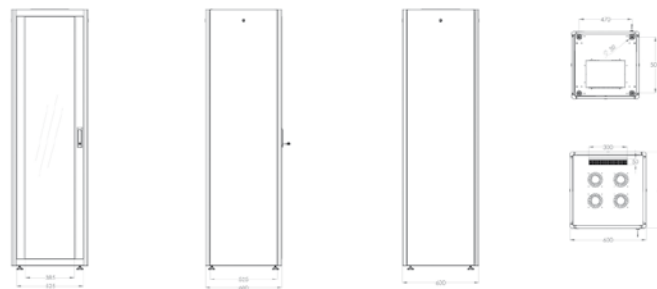
The Network Cabinets of the Dynamic Basic Series are designed and produced for the high requirements of the IT infrastructure and cabling. With optimizations it provides an optimum performance between quality and added value. Each cabinet is designed with strength, ease of use and aesthetics in mind.



Main Features

- Safety class rating IP20
- Steel front door with safety glass and swing lever, lockable
- Rear panel and side panels lockable
- EMKA lock system
- 120° door opening angle
- Door stop is easy to change
- High frame rigidity due to special plate curving technique
- 1.5 mm strong sheet steel
- Load capacity of 19" profile rails: 600 kg
- 483 mm (19") profile rails profiles mounted on the front the rear side of the cabinet
- 483 mm (19") profile rails profiles adjustable in depth and with height unit marking
- Large cable entry at bottom
- incl. 4 pieces of leveling feet already pre-configured under the cabinet
- Roof ready for fan units
- Standard color grey (RAL 7035) and black (RAL 9005); other colors are available on request
- Several earthing points for rack components
- Rack is completely mounted
- Large range of equipment available

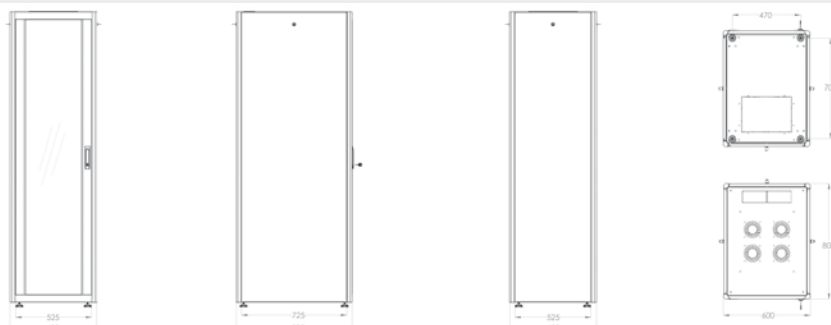
483 mm (19") Network Cabinet Dynamic Basic Series // 600x600 mm (WxD)



Product number information Network Cabinet Dynamic Basic Series // 600x600 mm (WxD)

Item code	EAN code	U	Color	RAL	Height (mm)	Width (mm)	Depth (mm)	Net weight (kg)	Load capacity (kg)
DN-19 22U-6/6-D	336433	22	Grey	7035	1125	600	600	38	600
DN-19 22U-6/6-DB	350262	22	Black	9005	1125	600	600	38	600
DN-19 26U-6/6-D	336440	26	Grey	7035	1300	600	600	45	600
DN-19 26U-6/6-DB	350279	26	Black	9005	1300	600	600	45	600
DN-19 32U-6/6-D	336457	32	Grey	7035	1560	600	600	55	600
DN-19 32U-6/6-DB	350347	32	Black	9005	1560	600	600	55	600
DN-19 42U-6/6-D	336464	42	Grey	7035	2010	600	600	72	600
DN-19 42U-6/6-DB	336747	42	Black	9005	2010	600	600	72	600

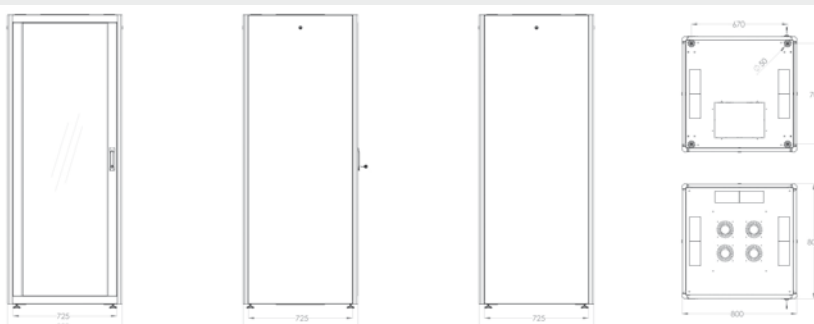
483 mm (19") Network Cabinet Dynamic Basic Series // 600x800 mm (WxD)



Product number information Network Cabinet Dynamic Basic Series // 600x800 mm (WxD)

Item code	EAN code	U	Color	RAL	Height (mm)	Width (mm)	Depth (mm)	Net weight (kg)	Load capacity (kg)
DN-19 22U-6/8-D	336471	22	Grey	7035	1125	600	800	43	600
DN-19 22U-6/8-DB	350286	22	Black	9005	1125	600	800	43	600
DN-19 26U-6/8-D	336488	26	Grey	7035	1300	600	800	51	600
DN-19 26U-6/8-DB	350293	26	Black	9005	1300	600	800	51	600
DN-19 32U-6/8-D	336495	32	Grey	7035	1560	600	800	63	600
DN-19 32U-6/8-DB	350309	32	Black	9005	1560	600	800	63	600
DN-19 42U-6/8-D	336501	42	Grey	7035	2010	600	800	82	600
DN-19 42U-6/8-DB	336754	42	Black	9005	2010	600	800	82	600

483 mm (19") Network Cabinet Dynamic Basic Series // 800x800 mm (WxD)



Product number information Network Cabinet Dynamic Basic Series // 800x800 mm (WxD)

Item code	EAN code	U	Color	RAL	Height (mm)	Width (mm)	Depth (mm)	Net weight (kg)	Load capacity (kg)
DN-19 32U-8/8-D	336518	32	Grey	7035	1560	800	800	73	600
DN-19 32U-8/8-DB	350255	32	Black	9005	1560	800	800	73	600
DN-19 42U-8/8-D	336525	42	Grey	7035	2010	800	800	111	600
DN-19 42U-8/8-DB	337973	42	Black	9005	2010	800	800	111	600

Server Cabinet Dynamic Basic Series

600, 800 mm width - 1000 mm depth

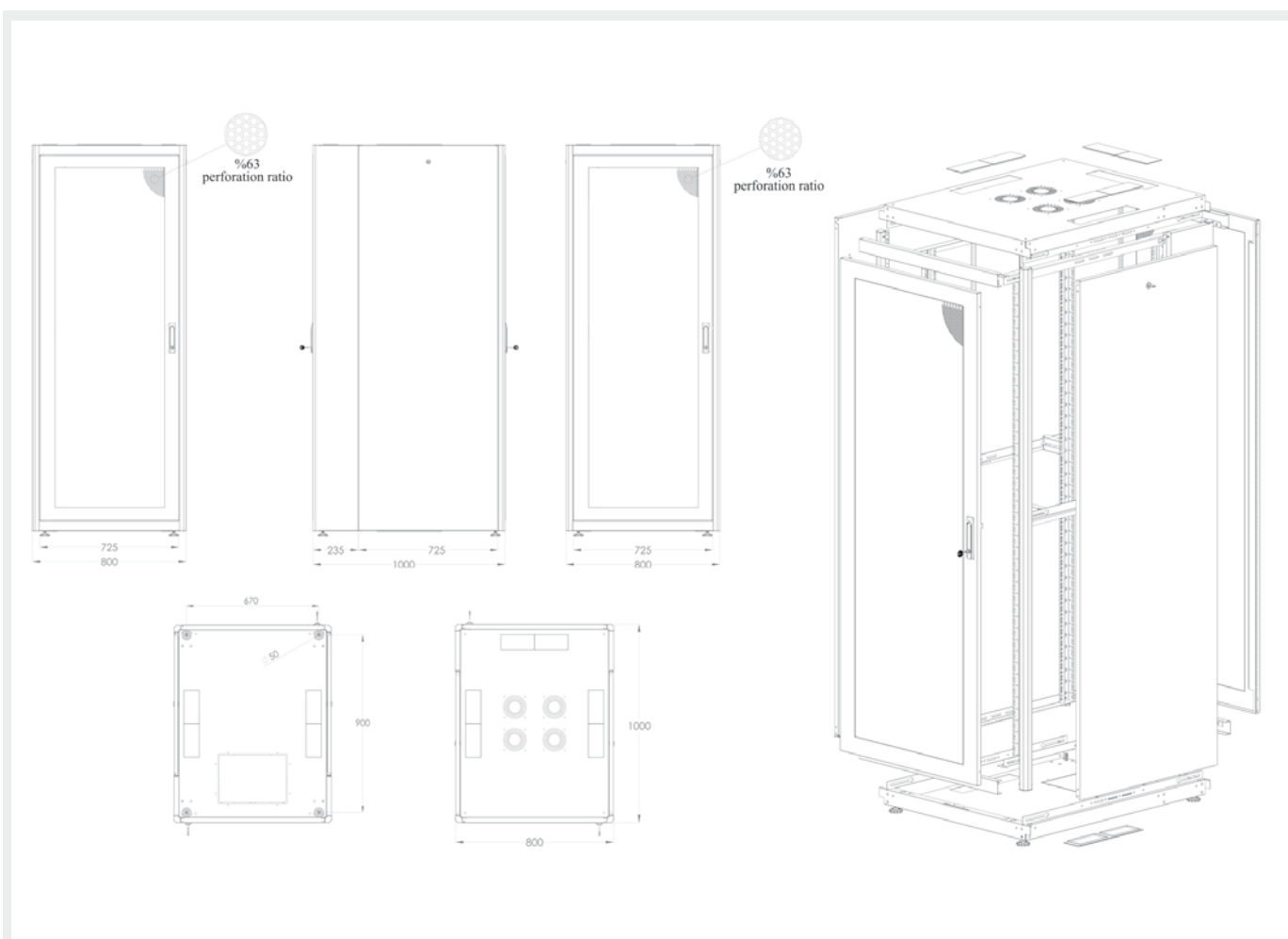
The Server Cabinets of the Dynamic Basic Series are designed and produced for the high requirements of the IT infrastructure and cabling. With optimizations it provides an optimum performance between quality and added value. Each cabinet is designed with strength, ease of use and aesthetics in mind.



Main Features

- Safety class rating IP20
- 63% perforated steel front door with swing handle lever
- EMKA locking system
- 120° door opening angle
- Door stop is easy to change
- High frame rigidity due to special plate curving technique
- 1.5 mm strong sheet steel
- Load capacity of 483 mm (19") profile rails: 600 kg
- 483 mm (19") profiles mounted on the front the rear side of the cabinet
- 483 mm (19") profiles adjustable in depth and with height unit marking
- Large cable entry at bottom, pre-punched
- Incl. 4 pieces of leveling feet already pre-configured under the cabinet
- Roof ready for fan units
- Standard color grey (RAL 7035) and black (RAL 9005); other colors are available on request
- Several earthing points for rack components
- Rack is completely mounted
- Large range of equipment available

483 mm (19") Server Cabinet Dynamic Basic Series



Product number information Server Cabinet Dynamic Basic Series // 600x1000 mm (WxD)

Item code	EAN code	U	Color	RAL	Height (mm)	Width (mm)	Depth (mm)	Net weight (kg)	Load capacity (kg)
DN-19 SRV-26U-D	336532	26	Grey	7035	1260	600	1000	80.5	600
DN-19 SRV-26U-DB	350316	26	Black	9005	1260	600	1000	80.5	600
DN-19 SRV-42U-D	336549	42	Grey	7035	1970	600	1000	112.9	600
DN-19 SRV-42U-DB	350323	42	Black	9005	1970	600	1000	112.6	600

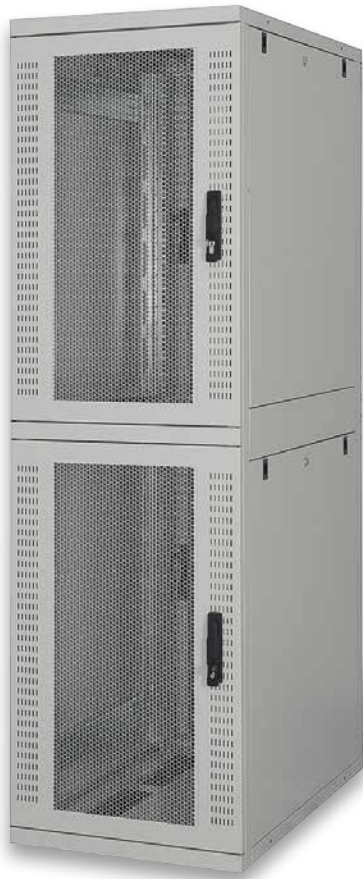
Product number information Server Cabinet Dynamic Basic Series // 800x1000 mm (WxD)

Item code	EAN code	U	Color	RAL	Height (mm)	Width (mm)	Depth (mm)	Net weight (kg)	Load capacity (kg)
DN-19 SRV-42U-8-D	336556	42	Grey	7035	1970	800	1000	136.7	600
DN-19 SRV-42U-8-DB	350330	42	Black	9005	1970	800	1000	136.7	600

Co-Location Server Cabinets

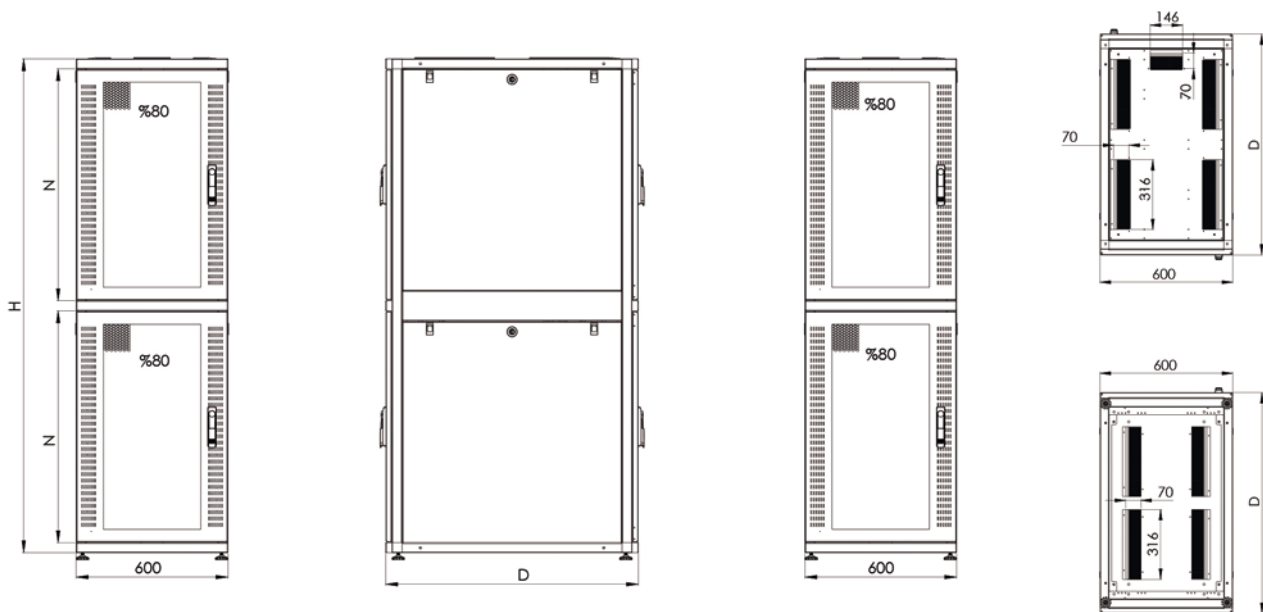
600 mm width - 1000, 1100, 1200 mm depth

The Co-Location Server Cabinets are available with three different compartment versions. You can choose between 42U, 45U or 47U, each 600 mm width and either 1000, 1100 or 1200 mm depth. Each cabinet is designed with aesthetics in mind. Available in color grey (RAL 7035) and black (RAL 9005).



Main Features

- Safety class IP20
- 80% perforated steel front door with swing handle locking lever, ready for profile half cylinder
- Side panels are lockable
- 230° door opening angle of front- and rear doors
- Door stop is easy to change
- High frame rigidity due to special plate curving technique
- 1.5 mm strong steel sheet
- Load capacity of 483 mm (19") profile rails: 1000 kg
- 483 mm (19") profiles mounted on the front the rear side of the cabinet
- 483 mm (19") profiles adjustable in depth and with height unit marking
- 5 cable entry panels with brush strip in the roof, 4 in the bottom
- Standard color grey (RAL 7035) and black (RAL 9005); other colors are available on request
- Several earthing points for rack components
- Rack is completely mounted
- Available with 2, 3 or 4 compartments



Co-Location Server Cabinets

600 mm width - 1000, 1100, 1200 mm depth



483 mm (19") Co-Location Server Cabinets

Product number information Co-Location Server Cabinets // 2 Compartments

Item code	EAN code	U	Color	RAL	Height (mm)	Width (mm)	Depth (mm)	Compartments
DN-19 SRV-42U-10/2	375043	42	Grey	7035	1955	600	1000	2x 20U
DN-19 SRV-42U-10/2-B	375050	42	Black	9005	1955	600	1000	2x 20U
DN-19 SRV-45U-10/2	375074	45	Grey	7035	2090	600	1000	2x 22U
DN-19 SRV-45U-10/2-B	375227	45	Black	9005	2090	600	1000	2x 22U
DN-19 SRV-47U-10/2	375081	47	Grey	7035	2179	600	1000	2x 23U
DN-19 SRV-47U-10/2-B	375265	47	Black	9005	2179	600	1000	2x 23U
DN-19 SRV-42U-11/2	375098	42	Grey	7035	1955	600	1100	2x 20U
DN-19 SRV-42U-11/2-B	375272	42	Black	9005	1955	600	1100	2x 20U
DN-19 SRV-45U-11/2	375104	45	Grey	7035	2090	600	1100	2x 22U
DN-19 SRV-45U-11/2-B	375296	45	Black	9005	2090	600	1100	2x 22U
DN-19 SRV-47U-11/2	375111	47	Grey	7035	2179	600	1100	2x 23U
DN-19 SRV-47U-11/2-B	375319	47	Black	9005	2179	600	1100	2x 23U
DN-19 SRV-42U-12/2	375135	42	Grey	7035	1955	600	1200	2x 20U
DN-19 SRV-42U-12/2-B	375340	42	Black	9005	1955	600	1200	2x 20U
DN-19 SRV-45U-12/2	375142	45	Grey	7035	2090	600	1200	2x 22U
DN-19 SRV-45U-12/2-B	375371	45	Black	9005	2090	600	1200	2x 22U
DN-19 SRV-47U-12/2	375159	47	Grey	7035	2179	600	1200	2x 23U
DN-19 SRV-47U-12/2-B	375395	47	Black	9005	2179	600	1200	2x 23U

Product number information Co-Location Server Cabinets // 3 Compartments

Item code	EAN code	U	Color	RAL	Height (mm)	Width (mm)	Depth (mm)	Compartments
DN-19 SRV-42U-10/3	375166	42	Grey	7035	1955	600	1000	3x 13U
DN-19 SRV-42U-10/3-B	375401	42	Black	9005	1955	600	1000	3x 13U
DN-19 SRV-45U-10/3	375173	45	Grey	7035	2090	600	1000	3x 14U
DN-19 SRV-45U-10/3-B	375418	45	Black	9005	2090	600	1000	3x 14U
DN-19 SRV-47U-10/3	375180	47	Grey	7035	2179	600	1000	3x 15U
DN-19 SRV-47U-10/3-B	375449	47	Black	9005	2179	600	1000	3x 15U
DN-19 SRV-42U-11/3	375197	42	Grey	7035	1955	600	1100	3x 13U
DN-19 SRV-42U-11/3-B	375456	42	Black	9005	1955	600	1100	3x 13U
DN-19 SRV-45U-11/3	375203	45	Grey	7035	2090	600	1100	3x 14U
DN-19 SRV-45U-11/3-B	375463	45	Black	9005	2090	600	1100	3x 14U
DN-19 SRV-47U-11/3	375210	47	Grey	7035	2179	600	1100	3x 15U
DN-19 SRV-47U-11/3-B	375470	47	Black	9005	2179	600	1100	3x 15U
DN-19 SRV-42U-12/3	375234	42	Grey	7035	1955	600	1200	3x 13U
DN-19 SRV-42U-12/3-B	375487	42	Black	9005	1955	600	1200	3x 13U
DN-19 SRV-45U-12/3	375241	45	Grey	7035	2090	600	1200	3x 14U
DN-19 SRV-45U-12/3-B	375494	45	Black	9005	2090	600	1200	3x 14U
DN-19 SRV-47U-12/3	375258	47	Grey	7035	2179	600	1200	3x 15U
DN-19 SRV-47U-12/3-B	375500	47	Black	9005	2179	600	1200	3x 15U

483 mm (19") Co-Location Server Cabinets

Product number information Co-Location Server Cabinets // 4 Compartments

Item code	EAN code	U	Color	RAL	Height (mm)	Width (mm)	Depth (mm)	Compartments
DN-19 SRV-42U-10/4	375289	42	Grey	7035	1955	600	1000	4x 9U
DN-19 SRV-42U-10/4-B	375517	42	Black	9005	1955	600	1000	4x 9U
DN-19 SRV-45U-10/4	375302	45	Grey	7035	2090	600	1000	4x 10U
DN-19 SRV-45U-10/4-B	375524	45	Black	9005	2090	600	1000	4x 10U
DN-19 SRV-47U-10/4	375326	47	Grey	7035	2179	600	1000	4x 11U
DN-19 SRV-47U-10/4-B	375531	47	Black	9005	2179	600	1000	4x 11U
DN-19 SRV-42U-11/4	375333	42	Grey	7035	1955	600	1100	4x 9U
DN-19 SRV-42U-11/4-B	375548	42	Black	9005	1955	600	1100	4x 9U
DN-19 SRV-45U-11/4	375357	45	Grey	7035	2090	600	1100	4x 10U
DN-19 SRV-45U-11/4-B	375555	45	Black	9005	2090	600	1100	4x 10U
DN-19 SRV-47U-11/4	375364	47	Grey	7035	2179	600	1100	4x 11U
DN-19 SRV-47U-11/4-B	375562	47	Black	9005	2179	600	1100	4x 11U
DN-19 SRV-42U-12/4	375388	42	Grey	7035	1955	600	1200	4x 9U
DN-19 SRV-42U-12/4-B	375579	42	Black	9005	1955	600	1200	4x 9U
DN-19 SRV-45U-12/4	375425	45	Grey	7035	2090	600	1200	4x 10U
DN-19 SRV-45U-12/4-B	375586	45	Black	9005	2090	600	1200	4x 10U
DN-19 SRV-47U-12/4	375432	47	Grey	7035	2179	600	1200	4x 11U
DN-19 SRV-47U-12/4-B	375593	47	Black	9005	2179	600	1200	4x 11U



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IP55 483 mm (19") Industrial Cabinets, Indoor

600, 800 mm width - 400, 600, 800, 1000 mm depth

The 483 mm (19") Industrial Cabinets are protected against dust and water ingress acc. to safety level IP55 (IEC EN 60529). They are available as 24U and 42U version. A work-effective alternative product is the swing frame version. Standard color grey (RAL 7035) and black (RAL 9005), varnished with nano technology (500 hours salt spray resistance test).

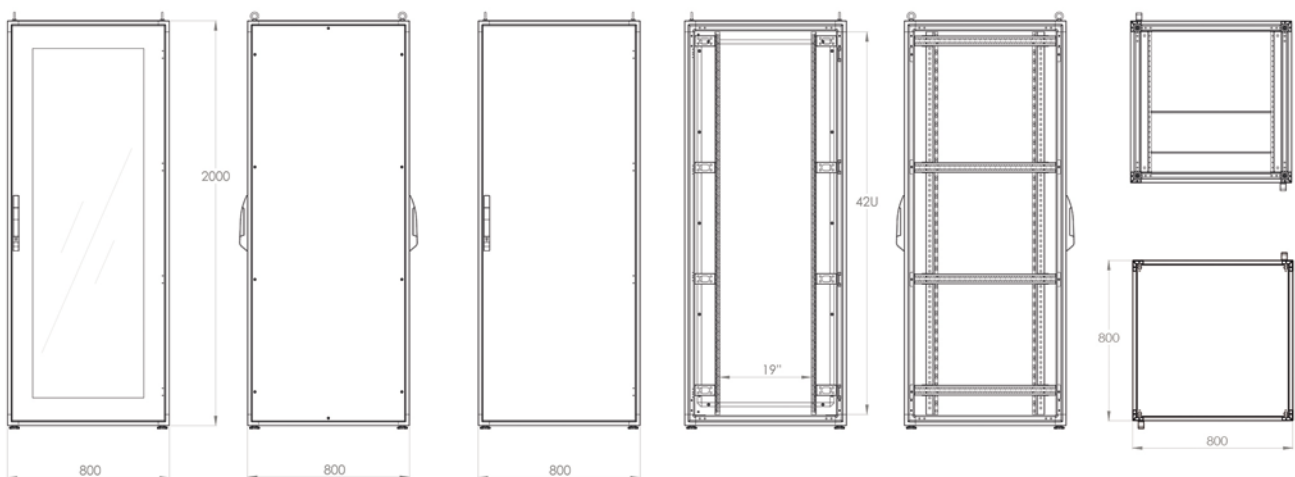


Main Features

- Safety class IP55
- Metal frame front door with 4 mm tempered safety glass
- Side panels mounted via counter sink screw
- 130° door opening angle
- Special PU (Polyurethane) gasketing system between metal frame and profile system
- 4 point locking mechanism
- 1.5 - 2.0 mm strong steel sheet
- Load capacity of 483 mm (19") profile rails: 1500 kg
- 483 mm (19") profiles mounted on the front the rear side of the cabinet
- 483 mm (19") profiles adjustable in depth and with height unit marking
- Bottom with flexible blind panels
- Standard color grey (RAL 7035) and black (RAL 9005)
- Rack is completely mounted

Features Swing Frame

- Load capacity: 150 kg
- 120° opening angle with door stop mechanism
- 25 mm variable in depth



Product number information 483 mm (19") Industrial Cabinets, Indoor

Product number information Industrial Cabinets, Indoor

Item code	EAN code	U	Color	RAL	Height (mm)	Width (mm)	Depth (mm)
DN-19 24U-I-6/4-1	382737	24	Grey	7035	1200	600	400
DN-19 24U-I-6/4-1-B	382775	24	Black	9005	1200	600	400
DN-19 42U-I-6/4-1	382751	42	Grey	7035	2000	600	400
DN-19 42U-I-6/4-1-B	382782	42	Black	9005	2000	600	400
DN-19 24U-I-6/6-1	380665	24	Grey	7035	1200	600	600
DN-19 24U-I-6/6-1-B	382799	24	Black	9005	1200	600	600
DN-19 42U-I-6/6-1	382805	42	Grey	7035	2000	600	600
DN-19 42U-I-6/6-1-B	382812	42	Black	9005	2000	600	600
DN-19 24U-I-6/8-1	371533	24	Grey	7035	1200	600	800
DN-19 24U-I-6/8-1-B	382829	24	Black	9005	1200	600	800
DN-19 42U-I-6/8-1	382836	42	Grey	7035	2000	600	800
DN-19 42U-I-6/8-1-B	382843	42	Black	9005	2000	600	800
DN-19 42U-I-6/10-1	382850	24	Grey	7035	2000	600	1000
DN-19 42U-I-6/10-1-B	371625	24	Black	9005	2000	600	1000
DN-19 24U-I-8/4-1	382867	42	Grey	7035	1200	800	400
DN-19 24U-I-8/4-1-B	382874	42	Black	9005	1200	800	400
DN-19 42U-I-8/4-1	382881	24	Grey	7035	2000	800	400
DN-19 42U-I-8/4-1-B	382898	24	Black	9005	2000	800	400
DN-19 42U-I-8/8-1	371496	42	Grey	7035	2000	800	800
DN-19 42U-I-8/8-1-B	382904	42	Black	9005	2000	800	800

Product number information Industrial Cabinets, Indoor // Swing Frame

Item code	EAN code	U	Color	RAL	Height (mm)	Width (mm)	Depth (mm)
DN-19 24U-I-SF-8/4	382911	24	Grey	7035	1200	800	400
DN-19 24U-I-SF-8/4-B	382928	24	Black	9005	1200	800	400
DN-19 42U-I-SF-8/4	382935	42	Grey	7035	2000	800	400
DN-19 42U-I-SF-8/4-B	382942	42	Black	9005	2000	800	400

Product number information Plinth for 483 mm (19") Industrial Cabinets, Indoor

Cabinet dimensions (WxD)	Color	
	Grey (RAL 7035)	Black (RAL 9005)
600x400 mm	DN-19 PLINTH-6/4-I 382966	DN-19 PLINTH-6/4-I-B 383055
600x600 mm	DN-19 PLINTH-6/6-I 382973	DN-19 PLINTH-6/6-I-B 383062
600x800 mm	DN-19 PLINTH-6/8-I 382980	DN-19 PLINTH-6/8-I-B 383079
600x1000 mm	DN-19 PLINTH-6/10-I 382997	DN-19 PLINTH-6/10-IB 383086
800x400 mm	DN-19 PLINTH-8/4-I 383000	DN-19 PLINTH-8/4-I-B 383093
800x800 mm	DN-19 PLINTH-8/8-I 383017	DN-19 PLINTH-8/8-I-B 383109

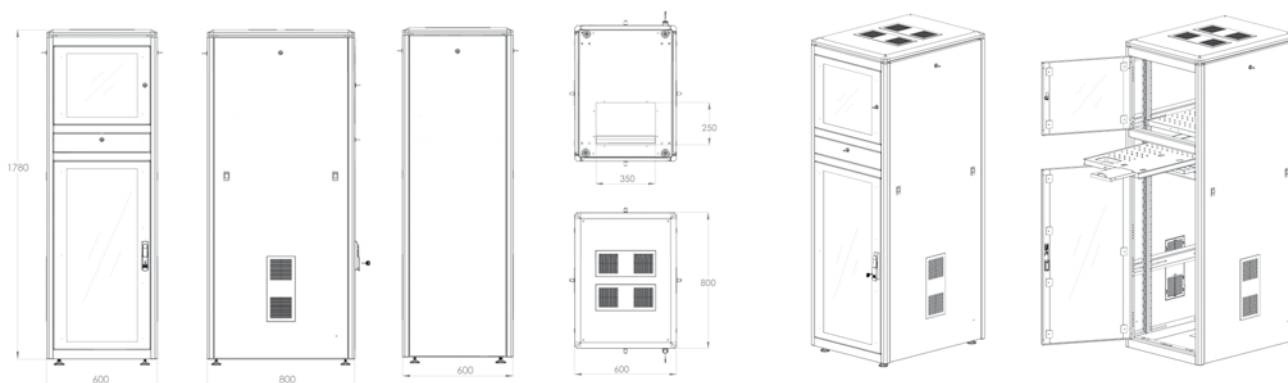
Industrial PC Cabinets

600 width - 800 mm depth

The 483 mm (19") Industrial PC Cabinets are made of a robust steel construction with a minimum of seams. They offer an ideal housing for active and passive 483 mm (19") components. The 36 height units are separated into three lockable units (screen unit= 9U; keyboard unit= 2U; 483 mm (19") mounting unit= 25U). You can choose between two front door versions for the mounting unit: Glass door or steel door. With all lockable front door parts, lockable rear and side panels, which are also detachable, the Industrial PC Cabinets offer an easy installation and availability at all time.

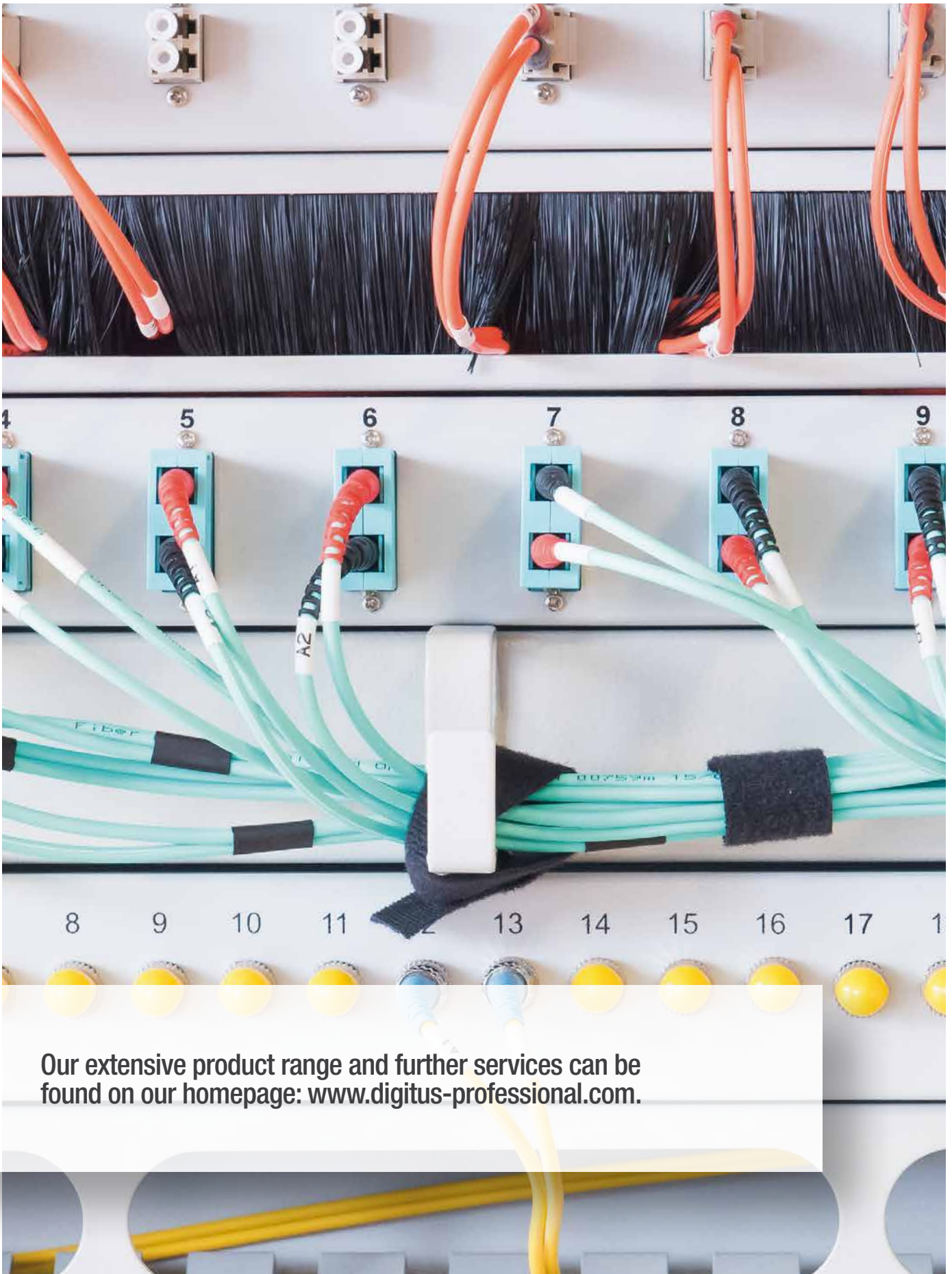
Main Features

- 1.5 to 2.0 mm strong sheet steel
- Safety class IP40
- Screen unit and mounting unit are equipped with glass doors in standard version
- Mounting unit is also available with steel door
- 36U front is separated into three lockable units (screen unit= 9U; keyboard unit= 2U; 483 mm (19") mounting unit= 25U)
- Lockable rear panel
- Side sections detachable and lockable
- Load capacity of 483 mm (19") profile rails: 600 kg
- 483 mm (19") profile rails mounted on the front and rear inside of the cabinet, galvanized
- 483 mm (19") profile rails with height unit marking and adjustable in depth
- Roof module ready for ventilation unit
- Roof and side panels are equipped with air ventilation slot
- Large cable entry with rubber-edged sliding mechanism at the bottom of the cabinet
- Incl. already mounted shelf (screen unit) and sliding keyboard shelf (keyboard unit)
- Incl. already mounted, adjustable leveling feet



Product number information Industrial PC Cabinets

Item code	EAN code	U	Color	RAL	Height (mm)	Width (mm)	Depth (mm)	Net weight (kg)	Load capacity (kg)	Front door mounting unit
DN-19 36U-6/8-PC-1	350507	36	Grey	7035	1780	600	800	97	600	Glass door
DN-19 36U-6/8-PC-B	380009	36	Black	9005	1780	600	800	97	600	Glass door
DN-19 36U-6/8-PC-SD	227205	36	Grey	7035	1780	600	800	97	600	Steel door
DN-19 36U-6/8-PC-SDB	372400	36	Black	9005	1780	600	800	97	600	Steel door



Open Racks, unmounted

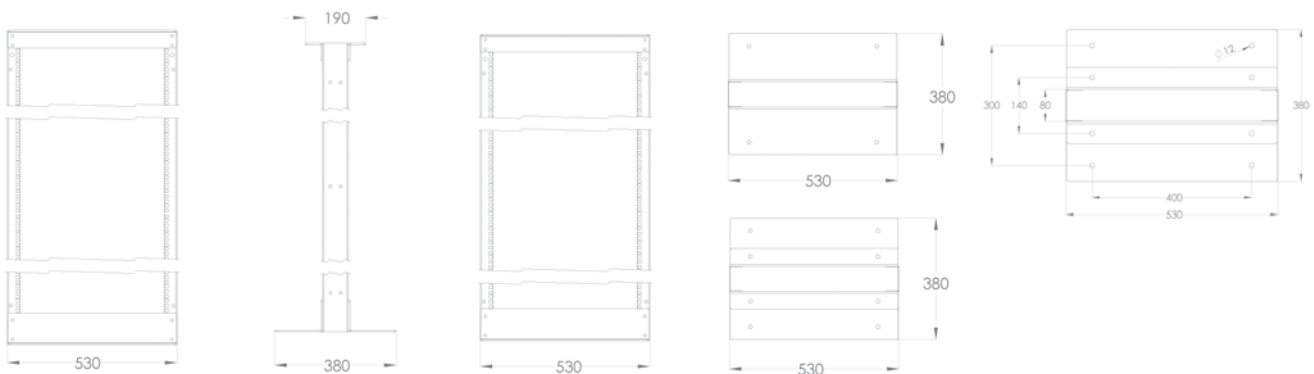
The unmounted Open Racks offer network- or server application possibilities where there is no need of a closed enclosure due to security, climatized and dust free environments like data centers, laboratories, clean rooms, etc. The Open Racks are delivered unmounted in a flat-pack which provides a cost effective and economical solution. While being able to install quick and easy it consists of strong material for maximum performance.

Main Features

- 2.0 mm strong steel material on frame system
- 4.0 mm strong steel material on top and bottom L-support connection pieces
- Load capacity: 600 kg
- Modular structure which allows universal mounting options on each profile
- Incl. adjustable feet group
- Delivery in unmounted flat-pack
- Available in 5 different height units from 27U up to 48U
- Single frame or double frame option
- Double frame version is equipped with brushed cable entry on top and bottom parts
- Standard color grey (RAL 7035) and black (RAL 9005)



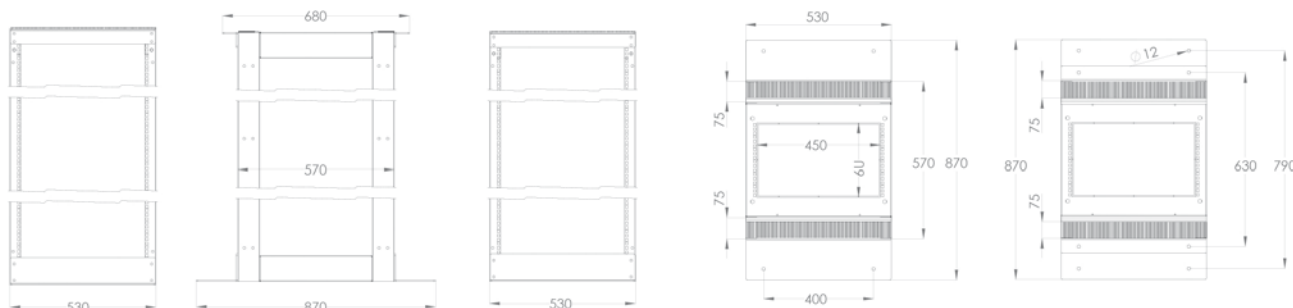
483 mm (19") Open racks, unmounted, single frame



Product number information Open racks, unmounted // single frame

Item code	EAN code	U	Color	RAL	Height (mm)	Width (mm)	Depth (mm)	Net weight	Load capacity (kg)
DN-19 27U-S	381976	27	Grey	7035	1356	530	380	20	600
DN-19 27U-S-SW	381983	27	Black	9005	1356	530	380	20	600
DN-19 36U-S	191018	36	Grey	7035	1756	530	380	22.5	600
DN-19 36U-S-SW	257028	36	Black	9005	1756	530	380	22.5	600
DN-19 42U-S	189879	42	Grey	7035	2022	530	380	23.5	600
DN-19 42U-S-SW	257011	42	Black	9005	2022	530	380	23.5	600
DN-19 45U-S	381990	45	Grey	7035	2156	530	380	24.1	600
DN-19 45U-S-SW	382003	45	Black	9005	2156	530	380	24.1	600
DN-19 48U-S	382010	48	Grey	7035	2289	530	380	24.7	600
DN-19 48U-S-SW	382027	48	Black	9005	2289	530	380	24.7	600

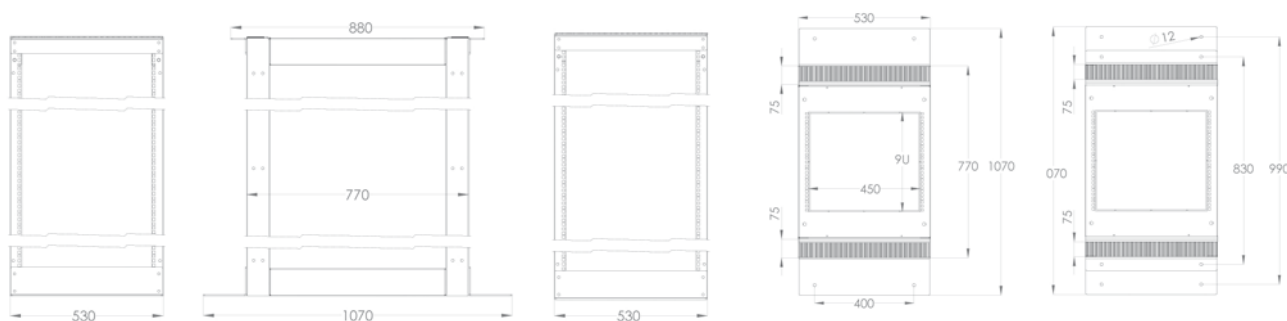
483 mm (19") Open racks, unmonted, double frame (870 mm)



Product number information Open racks, unmounted // double frame (870 mm)

Item code	EAN code	U	Color	RAL	Height (mm)	Width (mm)	Depth (mm)	Net weight	Load capacity (kg)	Distance between front- and rear profile rail
DN-19 27U-D	382034	27	Grey	7035	1356	530	870	34.2	600	570 mm
DN-19 27U-D-SW	382041	27	Black	9005	1356	530	870	34.2	600	570 mm
DN-19 36U-D	361848	36	Grey	7035	1756	530	870	38.4	600	570 mm
DN-19 36U-D-SW	276616	36	Black	9005	1756	530	870	38.4	600	570 mm
DN-19 42U-D	189893	42	Grey	7035	2022	530	870	41.0	600	570 mm
DN-19 42U-D-SW	256991	42	Black	9005	2022	530	870	41.0	600	570 mm

483 mm (19") Open racks, unmonted // double frame (1070 mm)



Product number information Open racks, unmounted // double frame (1070 mm)

Item code	EAN code	U	Color	RAL	Height (mm)	Width (mm)	Depth (mm)	Net weight	Load capacity (kg)	Distance between front- and rear profile rail
DN-19 42U-D-SRV	236498	42	Grey	7035	2022	530	1070	42.8	600	770 mm
DN-19 42U-D-SRV-SW	257004	42	Black	9005	2022	530	1070	42.8	600	770 mm
DN-19 45U-D-SRV	382058	45	Grey	7035	2156	530	1070	44.1	600	770 mm
DN-19 45U-D-SRV-SW	382065	45	Black	9005	2156	530	1070	44.1	600	770 mm
DN-19 48U-D-SRV	382072	48	Grey	7035	2289	530	1070	45.2	600	770 mm
DN-19 48U-D-SRV-SW	382089	48	Black	9005	2289	530	1070	45.2	600	770 mm

483 mm (19") SOUNDproof Cabinets

750 mm width - 1130 mm depth

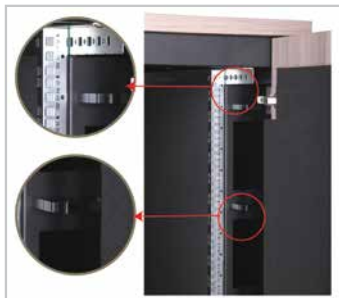
The SOUNDproof Cabinets are designed to perform the absorption of the created noise from the active equipments mounted inside the cabinet. With this superior sound reduction and its wooden concept finish, available as maple, teak, walnut, oak, cherry or beech version, it fits perfectly into the office environment. Thus, this product range is developed for various offices, banks, hospitals, laboratories, hotels or conference rooms. The SOUNDproof Cabinets are equipped with a silent fan ventilation system, max. 29-30 dB noise level, to support the main activity of noise reduction performance. It is designed with 750 mm width and 1130 mm depth and is available in different heights of 17U, 32U and 42U.



Swivelling lever handle



Quiet ventilation system



Numbered 19" profile rails and cable management



Main Features

- Reduces noise from mounted equipment in the inside
- Wooden surface available as maple-, teak-, walnut-, oak-, cherry- or beek
- Metal parts in color black (RAL 9005)
- Available height units: 17U, 32U, 42U
- 750 mm width, 1130 mm depth
- Load capacity of 19" profile rails: 1000 kg
- Rear door carrying 3-way fan module integration area (fan modules included in delivery content)
- Included 3-way fan module integration areas: 1x (17U), 2x (32U), 3x (42U)
- Silent fan ventilation system, max. 29-30 dB, with adjustable thermostat
- Noise level reduction to 18-21 dB, measured from one meter distance to the enclosure
- Average air flow of a single fan: 106.8 m³/h (based on empty, unequipped cabinet)
- Sliding cable entry integrated in the bottom case
- Integrated cable management rings in the front (17U= 3+3 pieces, 32U= 7+7 pieces, 42U= 9+9 pieces)
- Cable entry with brush strips between cable management rings in the front
- 483 mm (19") profile rails mounted in the front and rear side of the cabinet
- 483 mm (19") profile rails are variable in depth and with unit marking
- Double wing opening front door with barrel locking mechanism
- Side panels lockable and removable, covered with sound emitting isolation material
- Sound emitting isolation material: 75-100 kg/m³, non-flammable (BS 476 Part 6 Class 0, Part 7 Class 1),
- Halogen free, anti-fungus, covered at all doors and panels, in between the double skins and internal side of the inner skins
- Cooling capacity: 1,2 kW (17U), 2,4 kW (32U), 3,6 kW (42U)

483 mm (19") SOUNDproof Cabinets

750 mm width - 1130 mm depth



8 Servers in a Standard Cabinet			8 Servers in a SOUNDproof Cabinet		
70dB			Sound Level of Vertical Driller		70dB
			Normal Speech noise levels face to face		60dB
60dB					
			office background noise level		50dB
55dB					
			SOUNDproof Cabinet		
50dB					
40dB Silent Room					40dB Silent Room

18-21 dB noise level reduction from 1 meter distance to the enclosure

Item code:

X= Color code, choose your color

Ahorn	Teak	Walnuss	Eiche	Kirsche	Buche
					
Maple	Teak	Walnut	Oak	Cherry	Beech
M	T	W	O	C	B

Product number information SOUNDproof Cabinets

Item code	U	Color	Height (mm)	Width (mm)	Depth (mm)	Net weight (kg)	Load capacity (kg)
DN-19 17U-SO-X	17	Maple (M), Teak (T), Walnut (W), Oak (O), Cherry (C), Beech (B)	1000	750	1130	138	1000
DN-19 32U-SO-X	32		1666	750	1130	165	1000
DN-19 42U-SO-X	42		2110	750	1130	210	1000

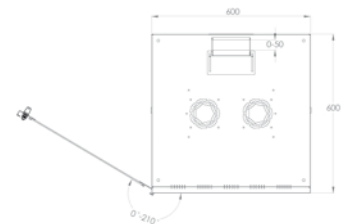
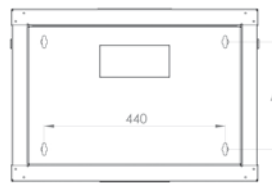
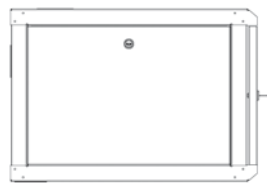
Wall Mounting Cabinets Unique Series

600 mm width - 450, 600 mm depth

The 483 mm (19") Wall Mounting Cabinets are made of a robust sheet steel construction with a minimum of seams. The side sections are detachable and lockable. It is fast and easy to mount the cabinet. Levelling feet and castors are separately available.

Main Features

- 1.1 - 1.5 strong sheet steel with a high loading capacity, powder coated
- Lockable safety-glass door with steel frame
- Side sections detachable and lockable
- Ventilation slots for active and passive ventilation and exhausting
- Safety class IP20
- 483 mm (19") profile rails are adjustable in depth
- 600 mm depth cabinets with 19" profile rails on the front and rear side
- Cable entry on the rear side and bottom with plastic cover and top with sliding cover
- 8 pieces mounting screw set included
- Standard color: Grey (RAL 7035) and black (RAL 9005)



Product number information Wall Mounting Cabinets Unique Series // 600x450 mm (WxD)

Item code	EAN code	U	Color	RAL	Height (mm)	Width (mm)	Depth (mm)	Net weight (kg)	Loading capacity (kg)	Profile rails
DN-19 07-U	135203	7	Grey	7035	420	600	450	17	100	mounted on the front side
DN-19 07-U-SW	257639	7	Black	9005	420	600	450	17	100	mounted on the front side
DN-19 09-U	135210	9	Grey	7035	509	600	450	20	100	mounted on the front side
DN-19 09-U-SW	257653	9	Black	9005	509	600	450	20	100	mounted on the front side
DN-19 12-U	135227	12	Grey	7035	643	600	450	25	100	mounted on the front side
DN-19 12-U-SW	179825	12	Black	9005	643	600	450	25	100	mounted on the front side
DN-19 16-U	135234	16	Grey	7035	820	600	450	31	100	mounted on the front side
DN-19 16-U-SW	257905	16	Black	9005	820	600	450	31	100	mounted on the front side
DN-19 20-U	205968	20	Grey	7035	998	600	450	35	100	mounted on the front side
DN-19 20-U-SW	257684	20	Black	9005	998	600	450	35	100	mounted on the front side

Product number information Wall Mounting Cabinets Unique Series // 600x600 mm (WxD)

Item code	EAN code	U	Color	RAL	Height (mm)	Width (mm)	Depth (mm)	Net weight (kg)	Loading capacity (kg)	Profile rails
DN-19 07U-6/6	190103	7	Grey	7035	420	600	600	19	100	mounted on the front and rear side
DN-19 07U-6/6-SW	257622	7	Black	9005	420	600	600	19	100	mounted on the front and rear side
DN-19 09U-6/6	157519	9	Grey	7035	509	600	600	23	100	mounted on the front and rear side
DN-19 09U-6/6-SW	257646	9	Black	9005	509	600	600	23	100	mounted on the front and rear side
DN-19 12U-6/6	180517	12	Grey	7035	643	600	600	30	100	mounted on the front and rear side
DN-19 12U-6/6-SW	257660	12	Black	9005	643	600	600	30	100	mounted on the front and rear side
DN-19 16U-6/6	174097	16	Grey	7035	820	600	600	37	100	mounted on the front and rear side
DN-19 16U-6/6-SW	257677	16	Black	9005	820	600	600	37	100	mounted on the front and rear side
DN-19 20U-6/6	205975	20	Grey	7035	998	600	600	40	100	mounted on the front and rear side
DN-19 20U-6/6-SW	250579	20	Black	9005	998	600	600	40	100	mounted on the front and rear side

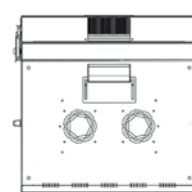
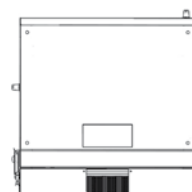
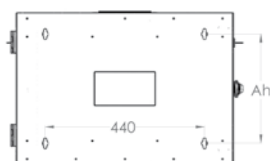
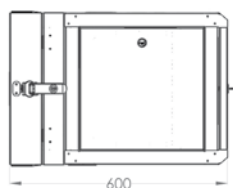
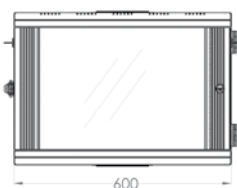
Wall Mounting Cabinet Unique Series with Swing Frame

600 mm width - 600 mm depth

The 483 mm (19") Wall Mounting Cabinets are made of a robust sheet steel construction with a minimum of seams. The side sections are detachable and lockable. It is fast and easy to mount the cabinet. Separately there are leveling feet or castors available. The swing frame on the rear side is also secured with a lock.

Main Features

- 1.1 - 1.5 strong sheet steel with a high loading capacity, powder coated
- Lockable safety-glass door with steel frame
- Side sections detachable and lockable
- Ventilation slots for active and passive ventilation and exhausting
- Safety class IP20
- 483 mm (19") profile rails are adjustable in depth
- Cable entry on the rear side and bottom with plastic cover and top with sliding cover
- 8 pieces mounting screw set included
- Standard color: Grey (RAL 7035); other colors available on request



Product number information Wall Mounting Cabinets with Swing Frame // 600x600 mm (WxD)

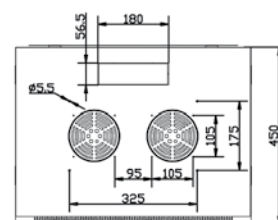
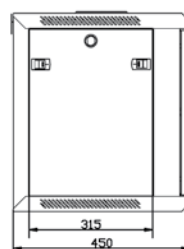
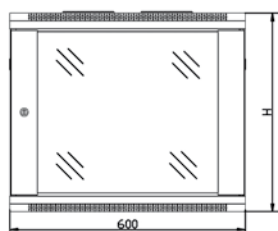
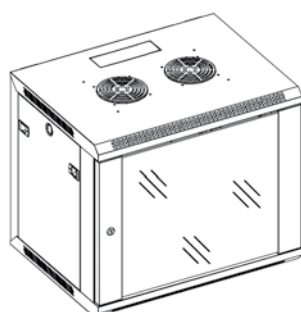
Item code	EAN code	U	Color	RAL	Height (mm)	Width (mm)	Depth (mm)	Net weight (kg)	Loading capacity (kg)	Profile rails
DN-19 07-U-3	186724	7	Grey	7035	420	600	600	31.5	100	mounted on the front side
DN-19 07-U-3-SW	257745	7	Black	9005	420	600	600	31.5	100	mounted on the front side
DN-19 09-U-3	186731	9	Grey	7035	509	600	600	36	100	mounted on the front side
DN-19 09-U-3-SW	257752	9	Black	9005	509	600	600	36	100	mounted on the front side
DN-19 12-U-3	186748	12	Grey	7035	643	600	600	42.4	100	mounted on the front side
DN-19 12-U-3-SW	257769	12	Black	9005	643	600	600	42.4	100	mounted on the front side
DN-19 16-U-3	186755	16	Grey	7035	820	600	600	50.8	100	mounted on the front side
DN-19 16-U-3-SW	205784	16	Black	9005	820	600	600	50.8	100	mounted on the front side
DN-19 20-U-3	190820	20	Grey	7035	998	600	600	57.5	100	mounted on the front side
DN-19 20-U-3-SW	257776	20	Black	9005	998	600	600	57.5	100	mounted on the front side

Wall Mounting Cabinets Dynamic Basic Series 600 mm width - 450 mm depth

The Wall Mounting Cabinets of the Dynamic Basic Series are made of a robust steel construction. Stability is given due to the welding spots. The side sections are detachable and the installation on the wall is easy so it can be implemented quickly. Due to their flexibility the cabinets are ideal for all current IT and telecommunication applications.

Main Features

- 0.8 - 1.2 mm strong sheet steel with a high load capacity, powder coated
- Safety glass door, lockable; side sections detachable
- Ventilation slots for active and passive ventilation and exhaustion
- Safety class IP20
- 483 mm (19") profile rails mounted on the front side of the cabinet, adjustable in depth
- Distance between front profile rail and rear panel: approx. 360 mm
- 3 earthing points (bottom, side panel and front door)
- Cable entry on top, bottom and rear side
- Loading capacity of 483 mm (19") profile: up to 30 kg
- Standard color: Grey (RAL 7035)



Product number information Wall Mounting Cabinets Dynamic Basic Series // 600x450 mm (WxD)

Item code	EAN code	U	Color	RAL	Height (mm)	Width (mm)	Depth (mm)	Net weight (kg)	Load capacity (kg)
DN-19 07-U-EC	221692	7	Grey	7035	416.15	600	450	13.8	30
DN-19 09-U-EC	221708	9	Grey	7035	505.05	600	450	15.5	30
DN-19 12-U-EC	221715	12	Grey	7035	638.4	600	450	18.3	30
DN-19 16-U-EC	221722	16	Grey	7035	816.2	600	450	22.1	30

Wall Mounting Cabinets SoHo, unmounted

540 mm width - 400 mm depth

The SoHo Wall Mounting Cabinets are especially designed to provide an optimum cabling as well as mounting of various 483 mm (19") components. They are space saving and perfectly suitable for the usage of numerous products and applications in the 483 mm (19") area. The delivery takes place unmounted in a flat-pack.

Main Features

- 1.1 - 1.5 mm strong sheet steel with high load capacity, powder coated
- Safety-glass door, lockable
- Ventilation slots for active and passive ventilation and exhaustion
- Safety class IP20
- 483 mm (19") profile rails on the front, adjustable in depth
- Load capacity of 483 mm (19") profile rails: 60 kg
- Cable entry on roof with brush strip and on bottom with plastic cover
- Incl. screw installation set of 8 pcs.
- Unmounted, flat-pack delivery
- Standard color: Grey (RAL 7035) and black (RAL 9005)



Product number information Wall Mounting Cabinets SoHo, unmounted // 540x400 mm (WxD)

Item code	EAN code	U	Color	RAL	Height (mm)	Width (mm)	Depth (mm)	Net weight (kg)	Load capacity (kg)
DN-19 07U-S-1	331698	7	Grey	7035	370	540	400	10.6	60
DN-19 07-U-S-SW	257592	7	Black	9005	370	540	400	10.6	60
DN-19 09-U-S-1	330950	9	Grey	7035	460	540	400	12	60
DN-19 09-U-S-SW	257608	9	Black	9005	460	540	400	12	60
DN-19 12-U-S-1	330967	12	Grey	7035	595	540	400	15	60
DN-19 12-U-S-SW	257615	12	Black	9005	595	540	400	15	60

Wall Mounting Cabinets SoHo, Slim

540 mm width - 400 mm depth

The SoHo Slim Wall Mounting Cabinets are ideal for the installation of active and passive network components. They are space saving and quick and easy to install. The delivery takes place unmounted in a flat-pack.

Main Features

- Strong sheet steel with high load capacity, powder coated
- Mountable horizontal or vertical
- 5U usable space: 2U vertical, 3U horizontal
- Ventilation slots for passive ventilation
- Safety class IP20
- Safety glass door with steel frame, lockable



Product number information Wall Mounting Cabinets SoHo, Slim

Item code	EAN code	U	Color	RAL	Height (mm)	Width (mm)	Depth (mm)	Net weight (kg)
DN-19 04U-PB	200109	5	Grey	7035	522	480	150	12
DN-19 04U-PB-B	345282	5	Black	9005	522	480	150	12

Additionally available: Mounting plate DN-19 PB-PLATE

Wall Mounting Cabinets IP55 for Outdoor Applications

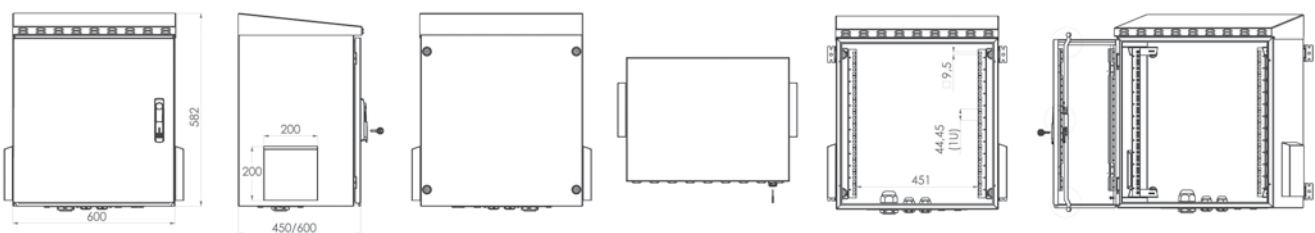
600 mm width - 450, 600 mm depth

The 483 mm (19") IP55 Outdoor Wall Mounting Cabinets are designed for industrial applications. They are based on the IP55 safety class which is conform to the EN 60529 and are therefore protected against water- and dirt ingress. The fan and filter components are based on safety class IP54. Best performance is provided e.g. via the 3-point-locking system with lockable swing handle and isolated cable entries. Integrated air ventilation inlets ensure the entry of fresh air (protection against water and dust acc. to IP54). Application areas are open areas which are under the effect of the environment (rain, dust, sleet, snow, splashing water).



Main Features

- Available with 450 mm and 600 mm depth
- Available height units: 7U, 9U, 12U, 16U
- 1.5 mm strong sheet steel with high loading capacity, powder coated
- 3-point-locking system with lockable swing handle
- Numbered 483 mm (19") profile rails on the front, variable in depth
- Load capacity of 19" profile rails: 100 kg
- Cable entries: 2x M32, 1x M63, 2x PVC blind cap (with a diameter of 28 mm)
- Integrated air ventilation inlets ensure the entry of fresh air
- Roof canopy offers protection for suitable fan units and takes care of deaeration and hot air
- Front door with earthing lead and two welded, strengthening bars in U-shape
- Inclusive mounting material



Product number information IP55 Outdoor Wall Mounting Cabinets // 600x450 mm (WxD)

Item code	EAN code	U	Color	RAL	Height (mm)	Width (mm)	Depth (mm)	Net weight (kg)	Load capacity (kg)
DN-19 07U-I-OD	360971	7	Grey	7035	490	600	450	31	100
DN-19 09U-I-OD	360988	9	Grey	7035	579	600	450	33	100
DN-19 12U-I-OD	360995	12	Grey	7035	713	600	450	37	100
DN-19 16U-I-OD	362128	16	Grey	7035	891	600	450	41	100

Product number information IP55 Outdoor Wall Mounting Cabinets // 600x600 mm (WxD)

Item code	EAN code	U	Color	RAL	Height (mm)	Width (mm)	Depth (mm)	Net weight (kg)	Load capacity (kg)
DN-19 07U-6/6-I-OD	362135	7	Grey	7035	490	600	600	37	100
DN-19 09U-6/6-I-OD	362142	9	Grey	7035	579	600	600	40	100
DN-19 12U-6/6-I-OD	362159	12	Grey	7035	713	600	600	43	100
DN-19 16U-6/6-I-OD	362166	16	Grey	7035	891	600	600	49	100

Vandal-Proof Wall Mounting Cabinets

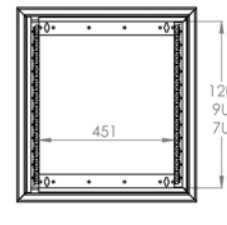
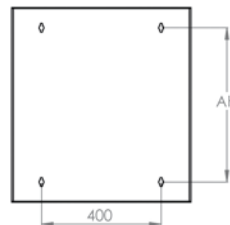
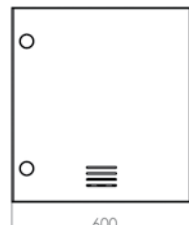
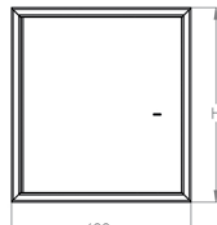
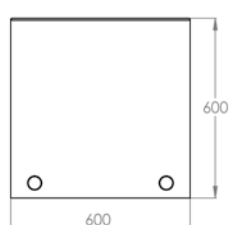
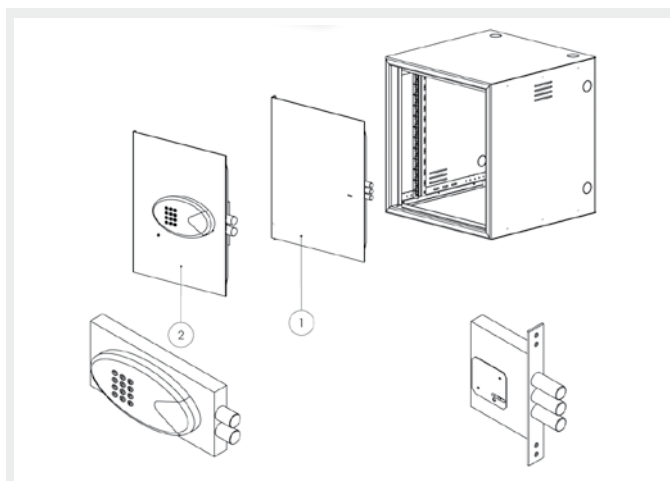
600 mm width - 600 mm depth

The Vandal-Proof Wall Mounting Cabinets are perfectly designed to fulfill higher security needs in public areas with indoor conditions. With safety class rating IP20 and security/resistance level acc. to "DIN V ENV 1627 Level WK4" it ensures strength and security purposes. The definition of this security/resistance level makes sure that it provides 10 minutes protection against vandalism when used tools like saws or power tools e.g. hacksaw, battery drill, hammer, axe, etc. Moreover features like the 30 mm strong front with a mechanical or electrical locking system, double layer welded rear wall assembly holes and the fact that this enclosure consists of a single strength welded case will satisfy you to choose these cabinets. You can choose between two different locking systems. Option 1 is the mechanical locking system. It consists of a galvanized steel case which is chrome plated and three chrome plated deadbolts made out of steel. Option 2 is the electronic locking system which consists of a keypad and a master mechanic barrel key. Here you can choose a password out of 4-6 digits. This system will inform you about violence with an alarm sound buzzer. Vandal-Proof Wall Mounting Cabinets are available in three different height units (7U, 9U and 12U) with a width and depth of each 600 mm.



Main Features

- Safety class IP20
- Security/Resistance level according to "DIN V ENV 1627 Level WK4" ("High protection")
- Double layer welded steel material provides 5-6 mm strong protection in rear assembly
- Front provides 30 mm strong steel protection due to flange system in combination with the door
- Enclosure consists of a single welded case which provides the strength for higher security
- Loading capacity up to 200 kg (depending on the type of wall and its strength)
- 483 mm (19") profile rails on the front, adjustable in depth
- 483 mm (19") profile rails with unit marking
- 8 pcs. of 47 mm (PG36) cable entries (2 pcs. each located on top, bottom and sides)
- 4 pcs. of rear wall assembly holes (double layer welded)
- Ventilation slots for heat removal from enclosure
- Available in 3 different height units: 7U, 9U and 12U
- 600 mm width and 600 mm depth
- Standard color: Grey (RAL 7035) - other colors available on request



Product number information Vandal-Proof Wall Mounting Cabinets

Item code	EAN code	U	Color	RAL	Height (mm)	Width (mm)	Depth (mm)	Net weight (kg)	Lock system
DN-19 07U-6/6-AV-1	357124	7	Grey	7035	428	600	600	42	mechanic
DN-19 09U-6/6-AV-1	356967	9	Grey	7035	517	600	600	47	mechanic
DN-19 12U-6/6-AV-1	357131	12	Grey	7035	650	600	600	54	mechanic
DN-19 07U-6/6-AV-2	374893	7	Grey	7035	428	600	600	42	electronic
DN-19 09U-6/6-AV-2	374909	9	Grey	7035	517	600	600	47	electronic
DN-19 12U-6/6-AV-2	374916	12	Grey	7035	650	600	600	54	electronic

Wall Mounting Cabinets Slim 600 mm width - 200 mm depth

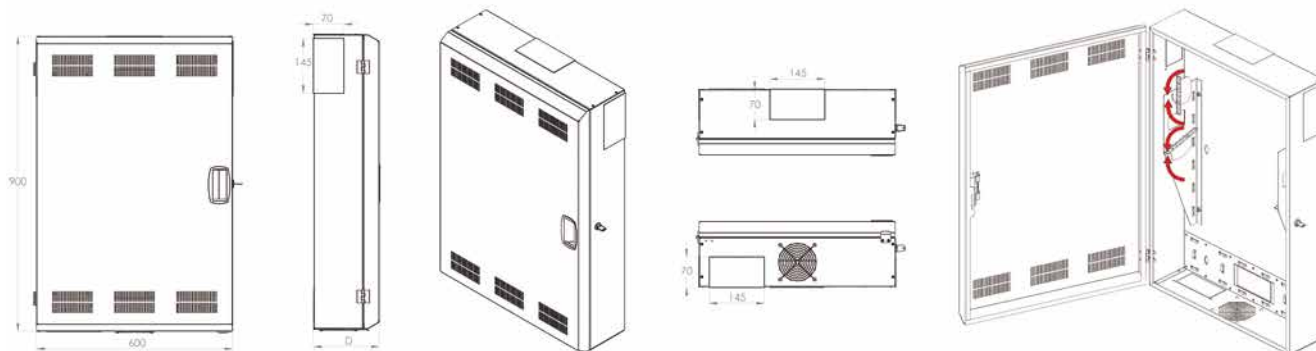
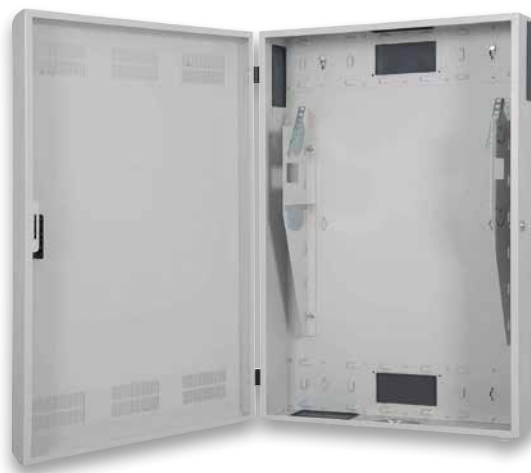
The 483 mm (19") Wall Mounting Cabinets of the Slim Series allow a horizontal or vertical mounting of 3U with two independent mounting areas for patch panels, switches, routers or other 483 mm (19") active components. Standard color is grey (RAL 7035), other colors are available on request.

Main Features

- 1.0 - 1.5 mm strong steel sheet
- 2x 3U usable mounting areas
- Mounting areas can be turned by 100°
- Punched out cable entries with plastic cover on all sides (145x70 mm)
- Bottom is prepared for fan units
- Lockable front door with air ventilation slots
- Several cable fixing points for a neat cable management
- Load capacity: 100 kg
- Standard color: Grey (RAL 7035), other colors are available on request



Example of application



Product number information Wall Mounting Cabinets Slim // 600x300 mm (WxD)

Item code	EAN code	Color	RAL	Height (mm)	Width (mm)	Depth (mm)	Packaging dimensions (HxWxD)	Load capacity (kg)
DN-19 WM-3H3V-SL	383116	Grey	7035	900	600	200	920x620x220 mm	100

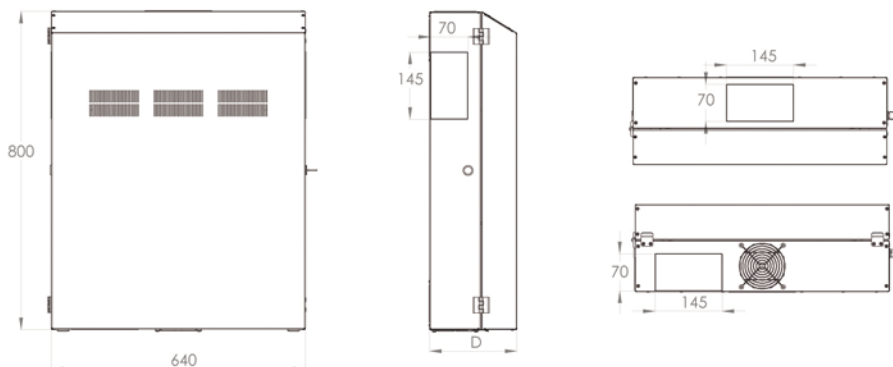
Wall Mounting Cabinets Slim

640 mm width - 220, 309 mm depth

The 483 mm (19") Wall Mounting Cabinet of the Slim Series allows a vertical mounting of 4U or 6U in depth. Especially space saving for networks, DVR, sound equipment, paging- and patching applications or other 483 mm (19") active components. Standard color is grey (RAL 7035), other colors are available on request.

Main Features

- 1.0 - 1.5 mm strong steel sheet
- 483 mm (19") mounting areas inside: 4U or 6U in depth
- Punched out cable entries with plastic cover on all sides (145x70 mm)
- Bottom is prepared for fan units
- Lockable front door with air ventilation slots
- Door stop is easy to change
- Load capacity: 100 kg
- Standard color: Grey (RAL 7035), other colors are available on request



Product number information Wall Mounting Cabinets Slim

Item code	EAN code	Color	RAL	Height (mm)	Width (mm)	Depth (mm)	Packaging dimensions (HxWxD)	Load capacity (kg)
DN-19 WM-V4U-SL	383253	Grey	7035	800	640	220	820x660x230	100
DN-19 WM-V6U-SL	383260	Grey	7035	800	640	309	820x660x320	100

Wall Mounting Cabinets for flush mount and surface mount applications, swing-out

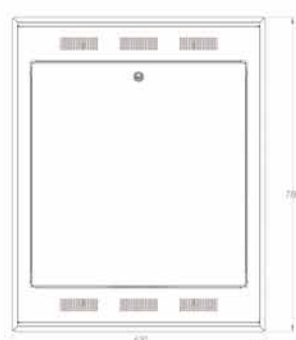
The flush- & surface mount Wall Mounting Cabinets allow a vertical, secure mounting for example small sound equipments, networks, DVR, paging- and patching applications. The front door is able to swing-out. The Wall Mounting Cabinets are available in two different versions: With 2U or 4U possibilities for rack mounting. Standard color is grey (RAL 7035), other colors are available on request.

Main features

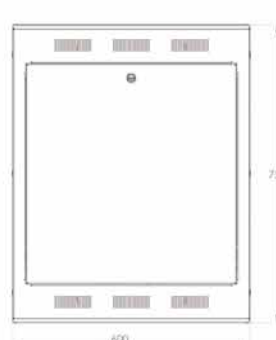
- 1.0 - 1.5 mm strong steel sheet
- 2U or 4U usable space inside
- Pre-punched cable entry in the middle of the rear side (216x216 mm)
- Punched out cable entries with plastic covers on the rear side, as well as top and bottom (145x70 mm)
- Lockable front door with air ventilation slots
- Front door is able to swing-out and equipped with two stop functions (first stop at 25°, second stop at 115°)
- Several cable fixing points for a neat cable management
- Load capacity: 100 kg
- Standard color: Grey (RAL 7035), other colors are available on request



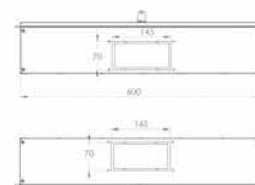
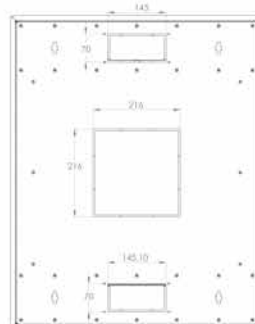
Example of application



Flush Mount



Surface Mount



Product number information Wall Mounting Cabinets Flush Mount

Item code	EAN code	Color	RAL	Product dimensions (HxWxD)	Product dimensions inside area (HxWxD)	U in inner area	Load capacity (kg)
DN-19 WM-FLSH-127	383208	Grey	7035	778x628x127 mm	750x600x116 mm	2U	100
DN-19 WM-FLSH-216	383215	Grey	7035	778x628x216 mm	750x600x205 mm	4U	100

Product number information Wall Mounting Cabinets Surface Mount

Item code	EAN code	Color	RAL	Product dimensions (HxWxD)	U in inner area	Load capacity (kg)
DN-19 WM-SURM-127	383642	Grey	7035	750x600x127 mm	2U	100
DN-19 WM-SURM-216	383659	Grey	7035	750x600x216 mm	4U	100

Server Wall Mounting Cabinets

500 mm width - 400 mm depth

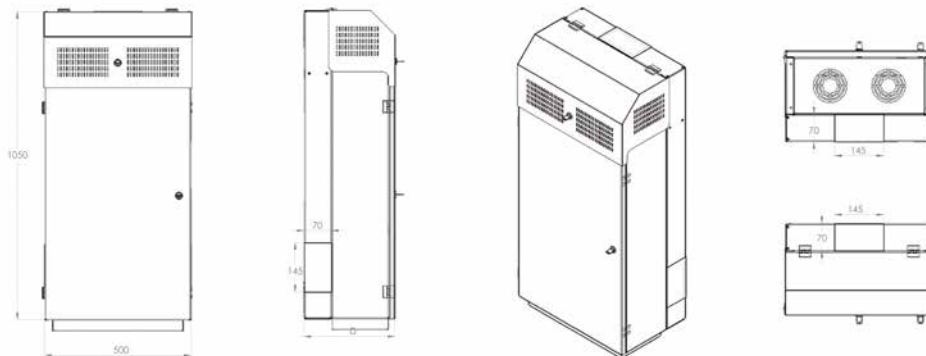
The Server Wall Mounting Cabinets allow an aesthetic and efficient vertical mounting of 483 mm (19") active components. They are perfectly suitable for economic solutions. Usable for example for UPS units, networks, DVR, sound equipment, paging- and patching applications. Standard color is grey (RAL 7035), other colors available on request.

Main Features

- 1.0 - 1.5 mm strong steel sheet
- Sturdy, welded enclosure
- Air ventilation slots on the front and sides
- Two separately lockable areas on the front door
- Upper area with 4U horizontal and 6U vertical 483 mm (19") areas
- Punched out cable entries with plastic covers on the rear side, as well as top and bottom (145x70 mm)
- Bottom is equipped with air ventilation sheet; optional fan unit available
- Several cable fixing points for a neat cable management
- Load capacity: 100 kg
- Standard color: Grey (RAL 7035), other colors are available on request



Example of application



Product number information Server Wall Mounting Cabinets // 500x400 mm (WxD)

Item code	EAN code	Color	RAL	Height (mm)	Width (mm)	Depth (mm)	Packaging dimensions (HxWxD)	Load capacity (kg)
DN-19 WM-SRV-400	383130	Grey	7035	1050	500	400	1110x530x420 mm	100

Product number information Fan Unit for 483 mm (19") Server Wall Mounting Cabinets

Item code	EAN code	Color	RAL
DN-19 FAN-2-WM-SRV	383154	Grey	7035

254 mm (10") Network Components

The 254 mm (10") Network Components are ideal for SoHo applications like office areas. The wall mounting system offers space savings with only 6 height units. With suitable accessories you can build up your housing individually.

6U Wall Mounting Cabinet

- 254 mm (10") profile rails on the front, variable in depth
- Load capacity of 254 mm (10") profile rails: 30 kg
- Cable entry with brush strips on top and bottom
- Single opening glass front door, lockable
- Dimensions (HxWxD): 330x312x300 mm
- Color: Grey (RAL 7035)

331421 / DN-10-05U-1
6U Wall Mounting Cabinet



CAT 6 Patch Panel, shielded

- CAT 6, Class E for up to 250 MHz
- RJ45 sockets, 8P8C
- Cable installation via LSA strips, color coded acc. to EIA/TIA 568B
- Fixing options for cable ties, central earthing point
- Color: Black (RAL 9005)

241577 / DN-91608S
CAT 6 Patch Panel, shielded, 8-port

241591 / DN-91612S
CAT 6 Patch Panel, shielded, 12-port



CAT 5e Patch Panel, unshielded

- CAT 5e, for up to 100 MHz
- RJ45 sockets, 8P8C
- Cable installation via LSA strips, color coded acc. to EIA/TIA 568B
- Screwable strain relief, fixing options for cable ties, central earthing point
- Color: Black (RAL 9005)

241430 / DN-91508U
CAT 5e Patch Panel, unshielded, 8-port

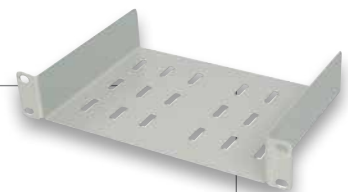
241447 / DN-91512U
CAT 5e Patch Panel, unshielded, 12-port



Shelf, 1U

- Sturdy, perforated sheet steel
- Complete with fixing material
- Fixing at the front 254 mm (10") profile rails
- Color: Grey (RAL 7035)

139836 / DN-10 TRAY-1
Shelf, 1U



Power Distribution Unit, 3 outlets

- 3x Schuko (250VAC, 50/60 Hz/16A/4000 W)
- Aluminum profile
- Outlets turned by 35°
- Incl. 2 metal brackets for 10" installation
- 2 m connection cable H05VV-F 3G1,5 mm²
- Right angled Schuko plug with double earthing

280712 / DN-95411
Power Distribution Unit, 3 outlets



Cable Management Panel, 1U

- Sheet steel
- 3 cable management rings
- Fixing at the front 254 mm (10") profile rails
- Color: Grey (RAL 7035)

147176 / DN-10 ORG-1U
Cable Management Panel, 1U



Roof Ventilation Units for Unique Network- & Dynamic Basic Network- and Server Cabinets

The Roof Ventilation Units are suitable for all wall mounting cabinets of the Unique Series as well as for all unmounted network- and server cabinets (-EC). The installation in the roof module of the cabinet can be

done quick and easy. A switch as well as an adjustable thermostat provide best options for customizations. The model is available in standard color grey (RAL 7035) and black (RAL 9005), equipped with two fans.

- Noise level: 47 dBm
- Incl. thermostat, adjustable from 0 °C up to +35 °C
- On-/off switch
- Air flow: 4.6
- 1.8 m lead with Schuko plug
- Two already installed fans



Product number information Roof Ventilation Units for Unique Network- & Dynamic Basic Network- and Server Cabinets

Item code	EAN code	Color	RAL	Height (mm)	Width (mm)	Depth (mm)	Fan quantity	Air flow in m³/min
DN-19 FAN-2-N	331230	Grey	7035	45	430	415	2	4.6
DN-19 FAN-2-B-N	332794	Black	9005	45	430	415	2	4.6
DN-19 FAN-4-N	331247	Grey	7035	45	430	415	4	9.2
DN-19 FAN-4-B-N	332855	Black	9005	45	430	415	4	9.2

Roof Ventilation Units for Unique Server Cabinets

The Roof Ventilation Units are suitable for all server cabinets of the Unique Series. The installation in the roof module of the cabinet can be done quick and easy. A switch as well as an adjustable thermostat

provide best options for customizations. The model is available in standard color grey (RAL 7035) and black (RAL 9005), equipped with either four or six fans.

- Noise level: 47 dBm
- Incl. thermostat, adjustable from 0 °C up to +35 °C
- On-/off switch
- Air flow: 9.2 resp. 13.8 m³/min.
- 1.8 m lead with Schuko plug
- Alternatively four or six already installed fans



Product number information Roof Ventilation Units for Unique Server Cabinets

Item code	EAN code	Color	RAL	Height (mm)	Width (mm)	Depth (mm)	Fan quantity	Air flow in m³/min
DN-19 FAN-4-SRV	332824	Grey	7035	50	420	530	4	9.2
DN-19 FAN-4-SRV-B	332831	Black	9005	50	420	530	4	9.2
DN-19 FAN-6-SRV	336389	Grey	7035	50	420	530	6	13.8
DN-19 FAN-6-SRV-B	332862	Black	9005	50	420	530	6	13.8

Roof Ventilation Units for Standard Wall Mounting Cabinets

The Roof Ventilation Units are suitable for all wall mounting cabinets of the Unique series as well as for all unmounted network- and server cabinets (-EC). The installation in the roof module of the cabinet can be

done quick and easy. A switch as well as an adjustable thermostat provide best options for customizations. The model is available in standard color grey (RAL 7035) and black (RAL 9005), equipped with two fans.

- Noise level: 47 dBm
- Incl. thermostat, adjustable from 0 °C up to +35 °C
- On-/off switch
- Air flow: 4.6
- 1.8 m lead with Schuko plug
- Two already installed fans



Product number information Roof Ventilation Units for Standard Wall Mounting Cabinets

Item code	EAN code	Color	RAL	Height (mm)	Width (mm)	Depth (mm)	Fan quantity	Air flow in m³/min
DN-19 FAN-2-WM-T	158752	Grey	7035	90	345	150	2	4.6
DN-19 FAN-2-WM-T-SW	250586	Black	9005	90	345	150	2	4.6

Roof Ventilation Units for variable mounting into 483 mm (19") cabinets

The Roof Ventilation Units are variable mountable into 483 mm (19") cabinets. They can be mounted into the roof module as well as the 483 mm (19") profile rail section so they offer maximum flexibility. A switch

as well as an adjustable thermostat provide best options for customizations. The model is available in standard color grey (RAL 7035) and black (RAL 9005), equipped with either two or four fans.

- Noise level: 47 dBm
- Incl. thermostat, adjustable from 0 °C up to +35 °C
- On-/off switch
- Air flow: 4.6 resp. 9.2 m³/min.
- 1.8 m lead with Schuko plug
- Alternatively two or four already installed fans



Product number information Roof Ventilation Units for variable mounting into 483 mm (19") cabinets

Item code	EAN code	Color	RAL	Height (mm)	Width (mm)	Depth (mm)	Fan quantity	Air flow in m³/min
DN-19 FAN-2-HO	174240	Grey	7035	45	483	174	2	4.6
DN-19 FAN-2-HO-SW	185789	Black	9005	45	483	174	2	4.6
DN-19 FAN-4-HO	174868	Grey	7035	45	483	354	4	9.2
DN-19 FAN-4-HO-SW	189909	Black	9005	45	483	354	4	9.2

Plinth for Network and Server Cabinets

Plinth for 483 mm (19") Network and Server Cabinets

With the Plinth for 483 mm (19") Network and Server Cabinets you can adjust the height (clearance from the floor) by 100 mm. A maximum of two plinth can be mounted to reach an additional height of 200

mm. The inner space can be used for cable management. The delivery takes place unmounted in a flat-pack.



Product number information Plinth for 483 mm (19") varioFLEX Cabinets

	Color	
	Grey (RAL 7035)	Black (RAL 9005)
600x600 mm // varioFLEX	DN-19 PLINTH-6/6-V 379669	DN-19 PLINTH-6/6-BV 380900
600x800 mm // varioFLEX	DN-19 PLINTH-6/8-V 379683	DN-19 PLINTH-6/8-BV 380917
600x1000 mm // varioFLEX	DN-19 PLINTH-6/10-V 379690	DN-19 PLINTH-6/10-BV 380924
800x800 mm // varioFLEX	DN-19 PLINTH-8/8-V 379706	DN-19 PLINTH-8/8-BV 380931
800x1000 mm // varioFLEX	DN-19 PLINTH-8/10-V 379713	DN-19 PLINTH-8/10-BV 380948

* Plinth are suitable for varioFLEX network- as well as server cabinets

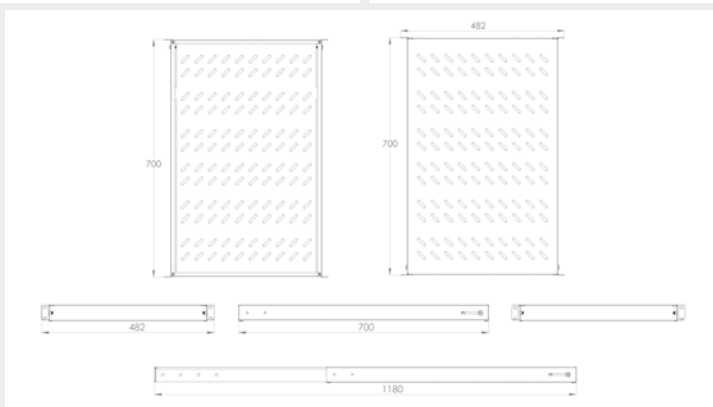
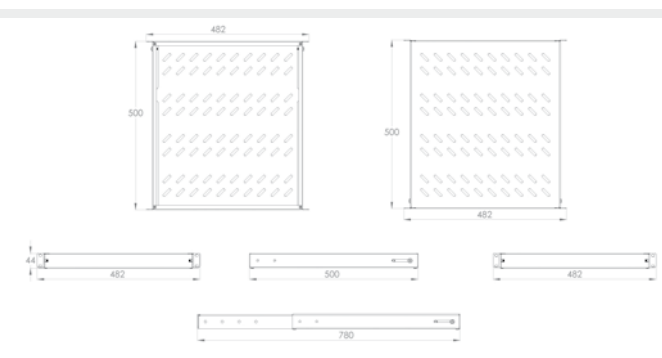
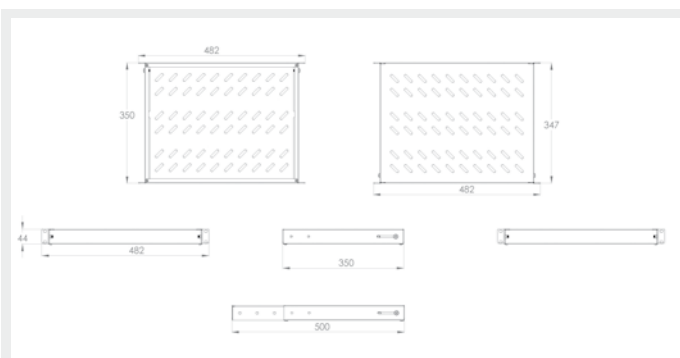
Product number information Plinth for 483 mm (19") Cabinets of the Unique and Dynamic Basic Series

	Color		Suitable to Series...		
	Grey (RAL 7035)	Black (RAL 9005)	Unique	Dynamic Basic	Unmounted (-EC)
600x600 mm // Network Cabinet	DN-19 PLINTH-6/6-1 333043	DN-19 PLINTH-6/6-B 334972	Yes	Yes	Yes
600x800 mm // Network Cabinet	DN-19 PLINTH-6/8-1 333050	DN-19 PLINTH-6/8-B 334996	Yes	Yes	Yes
600x1000 mm // Network Cabinet	DN-19 PLINTH-6/10-N1 335375	DN-19 PLINTH-6/10-NB 335078	Yes	Yes (also for server cabinet)	----
600x1200 mm // Network Cabinet	DN-19 PLINTH-6/12-N1 382584	DN-19 PLINTH-6/12-NB 382591	Yes	----	----
800x800 mm // Network Cabinet	DN-19 PLINTH-8/8-1 333098	DN-19 PLINTH-8/8-B 335016	Yes	Yes	----
800x1000 mm // Network Cabinet	DN-19 PLINTH-8/10-N1 335344	DN-19 PLINTH-8/10-NB 335061	Yes	Yes (also for server cabinet)	----
800x1200 mm // Network Cabinet	DN-19 PLINTH-8/12-N1 367093	DN-19 PLINTH-8/12-NB 380962	Yes	----	----
600x1000 mm // Server Cabinet	DN-19 PLINTH-6/10-1 334965	DN-19 PLINTH-6/10-B 334606	Yes	No	Yes
600x1200 mm // Server Cabinet	DN-19 PLINTH-6/12-1 380955	DN-19 PLINTH-6/12-B 364566	Yes	No	----
800x1000 mm // Server Cabinet	DN-19 PLINTH-8/10-1 333067	DN-19 PLINTH-8/10-B 334613	Yes	No	----
800x1200 mm // Server Cabinet	DN-19 PLINTH-8/12-1 339830	DN-19 PLINTH-8/12-B 364580	Yes	No	----

Shelves with adjustable mounting rails for 483 mm (19") Cabinets for 600 mm, 800 mm and 1000 mm depth 483 mm (19") Cabinets

The new Shelves are easy to install at the four 483 mm (19") profile rails of your 483 mm (19") cabinets. Due to the sturdy, perforated sheet steel with a load capacity of up to 50 kg, they are the optimal surface for your network components. Furthermore, the shelves are compatible with any

popular 483 mm (19") mounting profile rails. The respective mounting rails are variable in depth. Available in standard color grey (RAL 7035) and black (RAL 9005).



Product number information Shelves with adjustable mounting rails for 483 mm (19") Cabinets

Item code	EAN code	Color	RAL	Height unit	Height (mm)	Width (mm)	Depth (mm)	Net weight (kg)	Suitable cabinet depth	Fastening rail variability
DN-97644	364962	Grey	7035	1	44	482	347	2,38	600 mm	350 - 500 mm
DN-97645	364979	Black	9005	1	44	482	347	2,38	600 mm	350 - 500 mm
DN-97646	364986	Grey	7035	1	44	482	500	3,20	800 mm	500 - 780 mm
DN-97647	364993	Black	9005	1	44	482	500	3,20	800 mm	500 - 780 mm
DN-97648	365006	Grey	7035	1	44	482	700	4,80	1000 mm	700 - 1180 mm
DN-97649	365013	Black	9005	1	44	482	700	4,80	1000 mm	700 - 1180 mm

Extendible Shelves for 483 mm (19") Cabinets

Extendible Shelves for 483 mm (19") Cabinets

for 600 mm, 800 mm and 1000 mm depth 483 mm (19") Cabinets

The extendible Shelves are easy to install at the four 483 mm (19") profile rails of your 483 mm (19") cabinets. Due to the sturdy, perforated sheet steel with a load capacity, they are the optimal surface for your

network components. An attached handle can be installed to facilitate the extension of the shelf. Available in standard color grey (RAL 7035) and black (RAL 9005).



DN-19 TRAY-2-600



DN-19 TRAY-2-1000

Product number information Extendible Shelves for 483 mm (19") Cabinets

Item code	EAN code	Color	RAL	Height unit	Height (mm)	Width (mm)	Depth (mm)	Load capacity (kg)	Suitable cabinet depth
DN-19 TRAY-2-600	135456	Grey	7035	1	30	483	385	25	600 mm
DN-19 TRAY-2-600-SW	149446	Black	9005	1	30	483	385	25	600 mm
DN-19 TRAY-2-800	135470	Grey	7035	1	30	483	570	25	800 mm
DN-19 TRAY-2-800SW	183495	Black	9005	1	30	483	570	25	800 mm
DN-19 TRAY-2-1000	135494	Grey	7035	1	50	483	720	65	1000 mm
DN-19 TRAY-2-1000SW	180401	Black	9005	1	50	483	720	65	1000 mm

Shelves for 483 mm (19") Cabinets

for fixed installation

The Shelves for fixed installation are easy to install at the four 483 mm (19") profile rails of your 483 mm (19") cabinets. Due to the sturdy, perforated sheet steel with a load capacity, they are the optimal surface for

your network components. Available in standard colors grey (RAL 7035) and black (RAL 9005).



DN-97609



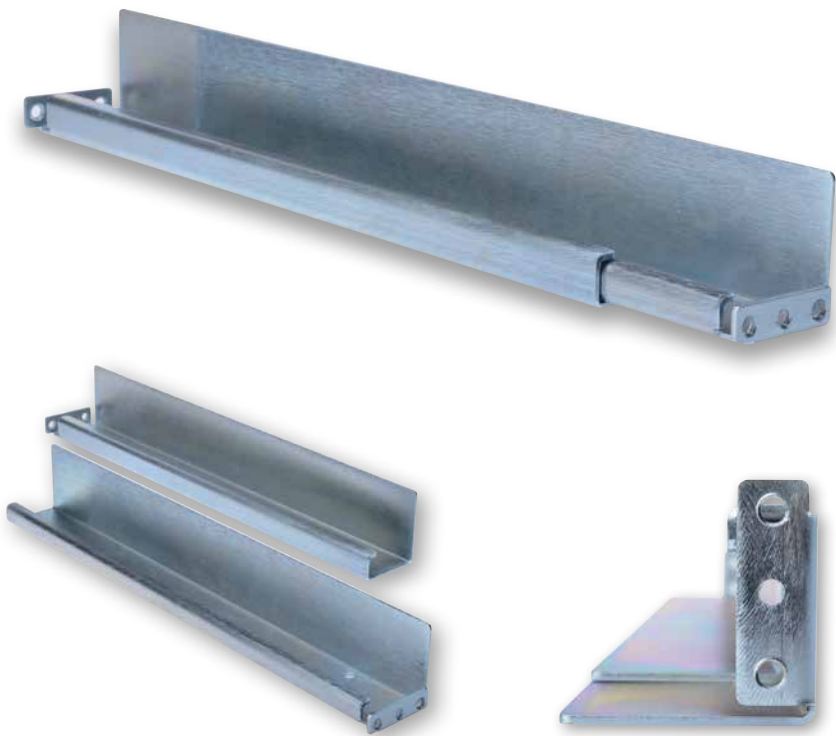
DN-97610

Product number information Shelves for 483 mm (19") Cabinets

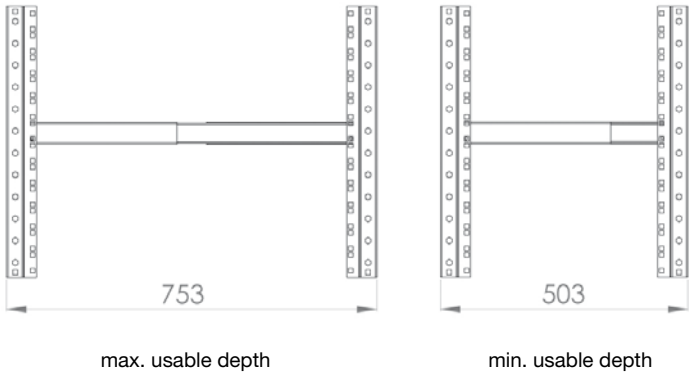
Item code	EAN code	Color	RAL	Height unit	Height (mm)	Width (mm)	Depth (mm)	Load capacity (kg)
DN-97609	275084	Grey	7035	1	45	483	250	15
DN-19 TRAY-1-SW	185772	Black	9005	1	45	483	250	15
DN-97614	276050	Grey	7035	1	45	483	400	15
DN-19 TRAY-1-400-SW	245704	Black	9005	1	45	483	400	15
DN-97610	275091	Grey	7035	2	85	483	350	25
DN-19 TRAY-2-SW	222613	Black	9005	2	85	483	350	25
DN-19 TRAY-2-55	206033	Grey	7035	2	85	483	550	25
DN-19 TRAY-2-55-SW	256830	Black	9005	2	85	483	550	25
DN-19 TRAY-1-1000	135487	Grey	7035	1	50	483	720	100
DN-19 TRAY-1-1000-SW	147312	Black	9005	1	50	483	720	100

L-Support Sliding Rails for 483 mm (19") varioFLEX Cabinets & Unique Server Cabinets

The L-Support Sliding Rails are easy to install to help the mounting of heavy devices into your 483 mm (19") varioFLEX cabinets and Unique Server Cabinets. They are fixed at the four mounting angles and have 100 kg load carrying capacity and galvanized sheet steel to provide optimized support for your components. The delivery content includes 2 pieces of sliding rails.



DN-19 GS-SRV



Product number information L-Support Sliding Rails						
Item code	EAN code	Height unit	Packaging Dimensions (HxWxD) in mm	Net weight (kg)	Suitable cabinet depth	Rail variability
DN-19 GS-SRV	366461	1	65x520x65	3.20	800 - 1000 mm	500 - 750 mm

Cable Management Management Panel, Cage, Rings

With the Cable Management Components it is easier than ever before to keep tidiness in your 483 mm (19") cabinet. All necessary fixing material is included in the delivery content so you can start immediately with the

installation in a quick and easy way. The sturdy steel sheet material provides strength. The components are available in color grey (RAL 7035) and black (RAL 9005).

Management Panel, 1U

- Access hole with brush strip, HxW= 30x400 mm
- Rear tray sheet, WxD= 440x115 mm

135395 / DN-19 ORG-3U
Management Panel, 1U, grey (RAL 7035)

197089 / DN-19 ORG-3U-SW
Management Panel, 1U, black (RAL 9005)

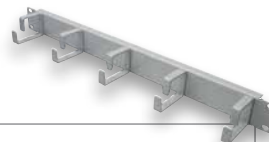


Management Panel, 1U

- 5 cable management rings

266440 / DN-97601
Management Panel, 1U, grey (RAL 7035)

266457 / DN-97602
Management Panel, 1U, black (RAL 9005)

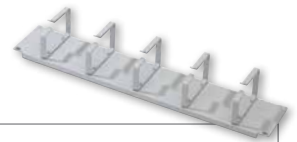


Management Panel, 2U

- 5 cable management rings

135388 / DN-19 ORG-2U
Management Panel, 2U, grey (RAL 7035)

246138 / DN-19 ORG-2U-SW
Management Panel, 2U, black (RAL 9005)



Management Cage, 1U

- Removeable front panel

279204 / DN-97616
Management Cage, 1U, grey (RAL 7035)

279211 / DN-97617
Management Cage, 1U, black (RAL 9005)



Management Rings, 1U

- Set= 10 pieces
- Ring dimension 44x60 mm

170488 / DN-19 ORG-1
Management Rings, 1U, grey (RAL 7035)

240853 / DN-19 ORG-1-SW
Management Rings, 1U, black (RAL 9005)

Management Rings, 2U

- Set= 10 pieces
- Ring dimension 44x100 mm

170495 / DN-19 ORG-2
Management Rings, 2U, grey (RAL 7035)

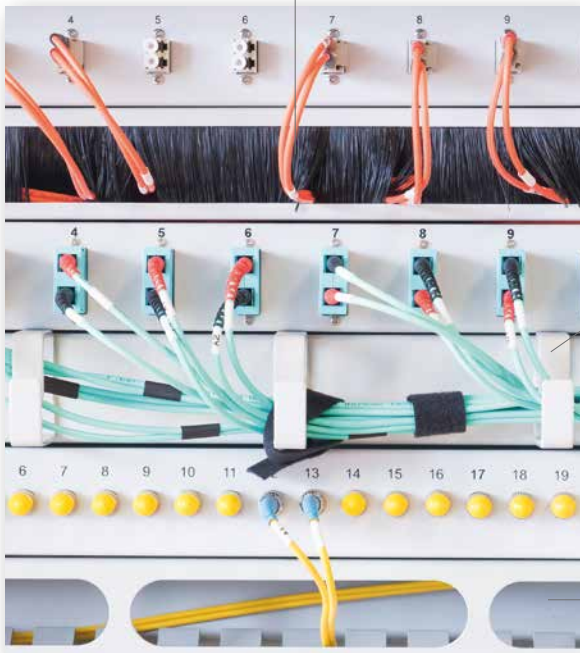
222606 / DN-19 ORG-2-SW
Management Rings, 2U, black (RAL 9005)

Management Rings, 3U

- Set= 10 pieces
- Ring dimension 70x150 mm

353591 / DN-19 ORG-3-1
Management Rings, 3U, grey (RAL 7035)

255369 / DN-19 ORG-3-SW
Management Rings, 3U, black (RAL 9005)



Cable Management

Cable fixing rails for 600, 800, 1000 mm depth 483 mm (19") Cabinets

The new Cable Fixing Rails are mounted in the depth of the 483 mm (19") cabinets. With the new fixing method on the punched frame profiles of the respective cabinet, they now provide even more scope for

cable management applications. The fixing rails are available for all 483 mm (19") cabinets of the varioFLEX, Unique as well as Dynamic Basic Series with 600, 800 or 1000 mm depth.



Product number information Cable fixing rails for 600, 800, 1000 mm depth 483 mm (19") cabinets

Item code	EAN code	Product Dimensions (HxD) in mm	Net weight (kg)	Suitable cabinet series	Suitable cabinet depth
DN-19 ORG-600P	378143	45 x 520	0.4	Unique & Dynamic Basic	600 mm
DN-19 ORG-800P	378129	45 x 720	0.5	Unique & Dynamic Basic	800 mm
DN-19 ORG-1000P	378136	45 x 920	0.6	Unique & Dynamic Basic	1000 mm
DN-19 ORG-600P-V	382607	45 x 300	0.4	varioFLEX	600 mm
DN-19 ORG-800P-V	382614	45 x 500	0.5	varioFLEX	800 mm
DN-19 ORG-1000P-V	382621	45 x 652	0.6	varioFLEX	1000 mm

Cable Management

C profile rails for 600, 800, 1000 mm depth 483 mm (19") cabinets

The C profile rails are mounted in the depth of 483 mm (19") cabinets. Suitable for cable clamps. They are available for all 483 mm (19") ca-

binets of the varioFLEX and Unique series with 600, 800 or 1000 mm depth.



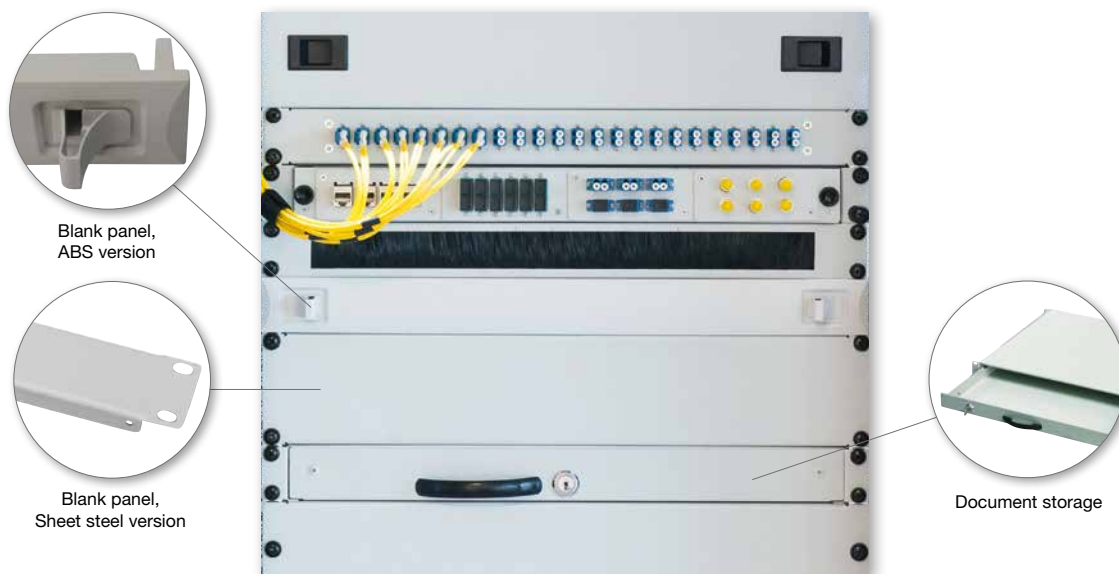
Product number information C profile rails for 600, 800, 1000 mm depth 483 mm (19") cabinets

Item code	EAN code	Net weight (kg)	Suitable cabinet series	Suitable cabinet depth
DN-19 C-600	374947	0.4	Unique	600 mm
DN-19 C-800	374954	0.5	Unique	800 mm
DN-19 C-1000	374961	0.6	Unique	1000 mm
DN-19 C-600-V	383178	0.4	varioFLEX	600 mm
DN-19 C-800-V	383185	0.5	varioFLEX	800 mm
DN-19 C-1000-V	383192	0.6	varioFLEX	1000 mm

483 mm (19") Accessories

Blank Panels and Document Storages

The Blank Panels are used to cover empty spaces in the height unit area. They can be installed quick and easy between the 483 mm (19") profile rails. Available in steel sheet material or made out of ABS material with snap-in feature. The document storages are available in height units from 1U up to 3U. They are extendible and lockable. With a load capacity of up to 25 kg they offer ideal possibilities. Blank panels as well as document storages are available in standard color grey (RAL 7035) and black (RAL 9005).

Product number information Blank Panels // ABS material with snap-in feature

Item code	EAN code	U	Color
DN-97650	365020	1	Grey
DN-97651	365037	1	Black

Product number information Blank Panels // Steel sheet material

Item code	EAN code	U	Color	RAL
DN-19 BPN-01	135272	1	Grey	7035
DN-19 BPN-01-SW	171713	1	Black	9005
DN-19 BPN-02	135289	2	Grey	7035
DN-19 BPN-02-SW	171720	2	Black	9005
DN-19 BPN-03	184553	3	Grey	7035
DN-19 BPN-03-SW	178460	3	Black	9005
DN-19 BPN-04	254706	4	Grey	7035
DN-19 BPN-04-SW	185710	4	Black	9005
DN-19 BPN-05	254713	5	Grey	7035
DN-19 BPN-05-SW	185727	5	Black	9005
DN-19 BPN-06	254720	6	Grey	7035
DN-19 BPN-06-SW	254737	6	Black	9005

Product number information Document Storages // Steel sheet material

Item code	EAN code	U	Color	RAL	Load capacity
DN-19 KEY-1U	135340	1	Grey	7035	25 kg
DN-19 KEY-1U-SW	158516	1	Black	9005	25 kg
DN-19 KEY-2U	254751	2	Grey	7035	25 kg
DN-19 KEY-2U-SW	254775	2	Black	9005	25 kg
DN-19 KEY-3U	161714	3	Grey	7035	25 kg
DN-19 KEY-3U-SW	169444	3	Black	9005	25 kg

483 mm (19") Accessories Castors & Levelling Feet

The Castors and Levelling Feet are packed as a set of each 4 pieces incl. fixing material. With a load capacity of 250 kg per unit they offer a high stability for your 483 mm (19") cabinets. One set of castors includes two pieces which are lockable. The levelling feet are adjustable in height.

Castor Set for Network- and Server Cabinets



135296 / DN-19 CASTOR

For network- and server cabinets, set= 4 pcs.

340997 / DN-19 CASTOR-WB-1

For cabinets of the unmounted series (-EC), set= 4 pcs.

Castor Set for Wall Mounting Cabinets



376323 / DN-19 CASTOR-WM

For wall mounting cabinets, set= 4 pcs.

Castor Set for Network- and Server Cabinets of the varioFLEX Series



377771 / DN-19 CASTOR-V

For varioFLEX network- and server cabinets, set= 4 pcs.

Levelleing Feet



193623 / DN-19 FEET

Adjustable feet, set= 4 pcs.

483 mm (19") Accessories

Fixing Material, Earthing Set, Fan Unit, Key

Fixing Set for 483 mm (19") Components

- Set= 50 pcs.
- Content: 50x M6 screws, 50x M6 nuts, 50x M6 washers
- Color: Black
- Length: 17 mm



265658 / DN-19 SET
Fixing set

Replacement Fan for Fan Units

- Air ventilation: 138 m³/h
- Noise level: 47 dB(A)
- Color: Black (RAL 9005)
- Dimensions (HxWxD): 37x120x120 mm



194422 / DN-19 FAN
Replacement fan for fan units

Earthing Set for Network- and Server Cabinets



DN-19 EARTH



DN-19 EARTH-V

142027 / DN-19 EARTH
Earthing set for network- and server cabinets

381051 / DN-19 EARTH-V
Earthing set, pluggable, for varioFLEX cabinets

Replacement Key for Network- and Server Cabinets & Wall Mounting Cabinets



DN-19 KEY-9473



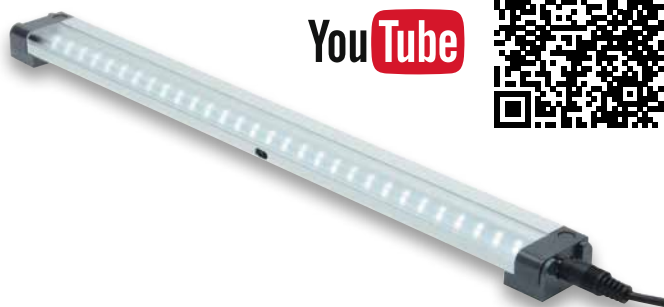
DN-19 KEY-WM-EC

320258 / DN-19 KEY-9473
For Unique- and Dynamic Basic cabinets as well as Unique Wall Mounting Cabinets

381068 / DN-19 KEY-WM-EC
For Dynamic Basic Wall Mounting Cabinets (-EC)

483 mm (19") Accessories LED Lighting Fixture

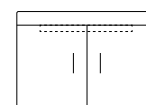
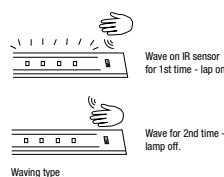
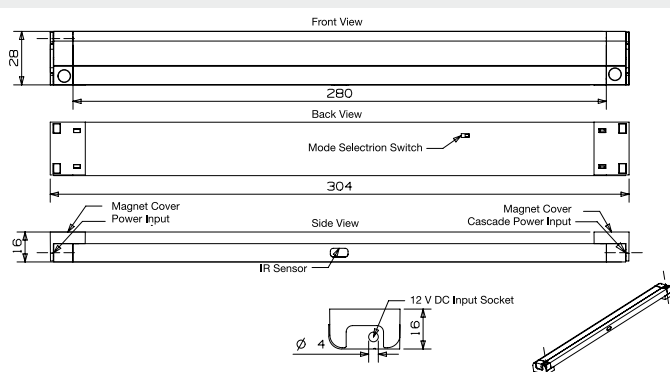
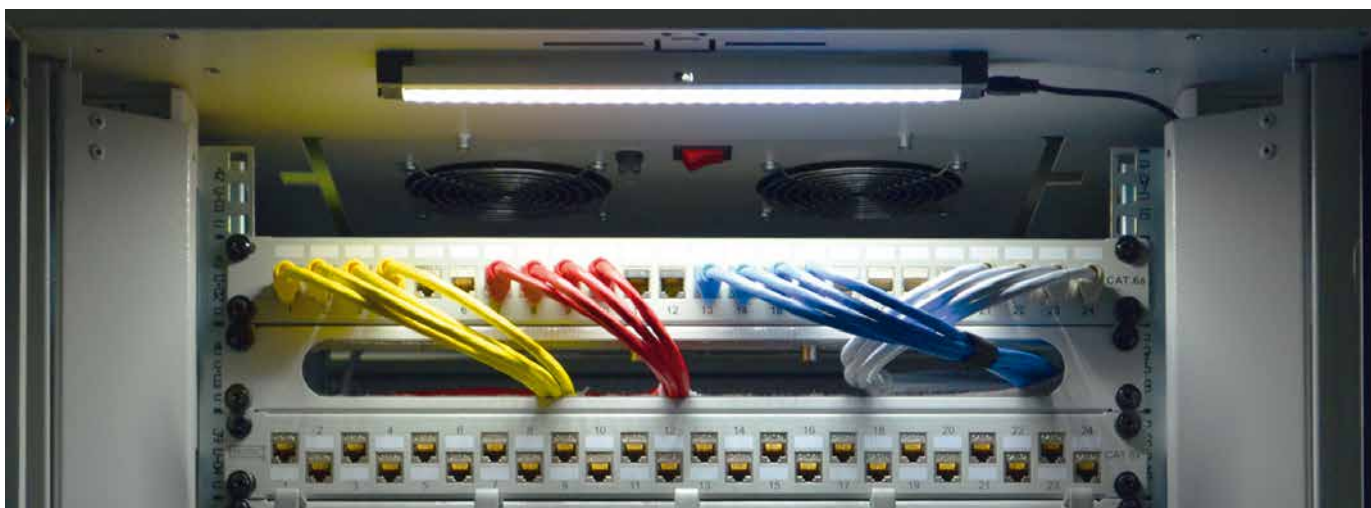
The LED Lighting Fixture is flexible usable due to its compact design and the mounting with magnets. It can be mounted horizontally or vertically inside of your 483 mm (19") cabinet and ensures an optimized lighting via efficient LED lights, which have the maximum light power from the beginning, without warming phase. The two different modes (adjustable with a switch) offer a particularly user friendly handling. The automatic door mode will switch on the light, due to the sensor, automatically when you open the door of your 483 mm (19") cabinet and also switch off the light when the door is being closed. Alternatively you can use the touch mode for manual use. In this case just wave in front of the sensor one time for switching on the light and a second time to switch off the light. A power adapter is included in the standard delivery content, therefore the LED Lighting Fixture is usable immediately.



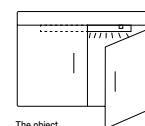
YouTube



- Compact design and flexible using via magnets
- No heat production
- Two different modes: Automatic door mode („Blocking type“) or touch mode („waving type“)
- Control: IR Sensor
- Color: Black plastic & grey aluminum
- CE compliant



„Blocking type“



The object blocks the IR sensor - lamp on.

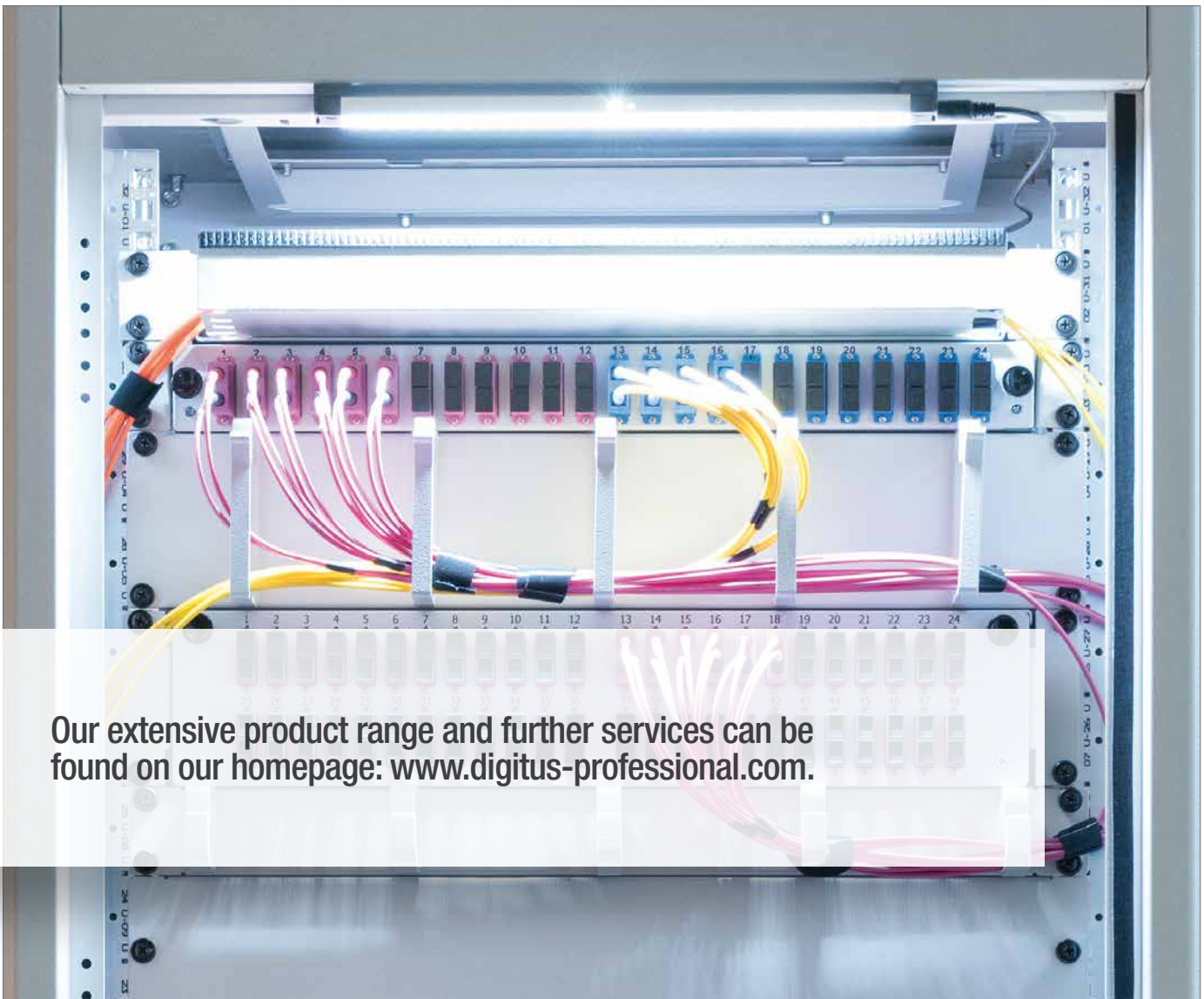
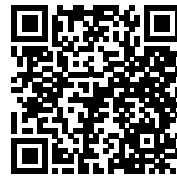
Product number information LED Lighting Fixture

Item code	DN-19 LIGHT-3
EAN code	4016032361053
Nominal input voltage	220-240 V
Input frequency	50/60 Hz
Operating voltage	DC 12 V
Performance	3 W
Control	Infrared Sensor
Power adapter plug	CEE 7/16 (Typ C) euro plug
LED DC input connector	3.5 mm/1.35 mm/10 mm; 3 m length
Maximum total current draw	25 mA @ 220-240 V
Lum. Flux	270 lm

Light source	30 x 3014 6000K LED
Product dimensions (HxWxD)	28x304x16 mm
Packaging dimensions (HxWxD)	65x495x90 mm
Net weight	0.25 kg
Gross weight	0.35 kg
Consumption in kWh/1000h	0,003 kWh
Durability in hours	25000 hours
Elevation (above MSL) operating storage	0-3000 m / 0-15 000
Temperature operating storage	0° C up to 45 °C - 25 °C up to 65° C
Humidity operating storage	0-95 % RH Non-condensing

Product Video

View our product videos on the official DIGITUS® Professional YouTube Channel. (When using this catalogue as PDF on a computer, smartphone or tablet, please click on the YouTube logo below. Alternatively you can also scan the QR code below):



Our extensive product range and further services can be found on our homepage: www.digitus-professional.com.

Power Outlet Strips for Mounting in Distribution Cabinets

Technical Features									
TÜV approved									
250VAC – 50/60Hz									
Aluminium profile									
2x angled profile for mounting cabinets									
Feed line H05VV-F 35 1,5 mm²									
Plastic components made of ABS UL-94V-0									
Earthed aluminium profile									
Schuko tap turn over 35°									
IEC C13 straight									
Product information									
Product number	EAN	Ampere	Power	Taps	Type	Cable	Outlet	Switch	Protection
DN-95401	266396	16A	4000 W	8x	Schuko	2 m	Schuko	no	no
DN-95402	266402	16A	4000 W	7x	Schuko	2 m	Schuko	yes	no
DN-95403	266419	16A	4000 W	7x	Schuko	2 m	Schuko	no	Overcharge
DN-95404	266426	10A	2500 W	10x	IEC C13	2 m	IEC C14	no	Overcharge
DN-95407	339335	16A	4000 W	7x	Schuko	2 m	Schuko	yes	Overvoltage
DN-95410	352778	10A	4000 W	8x	Schuko	2 m	IEC C14	no	Fuse
Pave width:		Horizontal in 483 mm (19") width of the cabinet							
Area of application:		483 mm (19") wall mount cabinets, 483 mm (19") floor distributors, network/server cabinets							
Norms:		IEC 60884-1:2007-06, EN 60950-, EN 60320-1, VDE 1476300-1550-0010/142962, -134242							



DN-95401

DN-95402

DN-95403

DN-95404

DN-95407

DN-95410

Product information									
Product number	EAN	Ampere	Power	Taps	Type	Cable	Outlet	Switch	Protection
DN-95411	280712	16A	4000 W	3x	Schuko	2 m	Schuko	no	no

Pave width:	Horizontal in 254 mm (10") width of the cabinet
Area of application:	254 mm (10") wall mount cabinets, 254 mm (10") floor distributors
Norms:	IEC 60884-1:2007-06, EN 60950-, EN 60320-1, VDE 1476300-1550-0010/142962, -134242

Product information									
Product number	EAN	Ampere	Power	Taps	Type	Cable	Outlet	Switch	Protection
DN-95405	266433	2x 16A	4000 W	2x 6	Schuko	2x 2 m	Schuko	no	2x Overcharge
A-19-STRIP42-1	221203	2x 16A	3600 W	2x 9	Schuko	no	no	no	2x Overvoltage

Pave width:	Vertical depth of the cabinet
Area of application:	Network/server cabinets
Norms:	IEC 60884-1:2007-06, EN 60950-, EN 60320-1, VDE 1476300-1550-0010/142962, -134242



A-19-STRIP42-1



DN-95405

OnLine UPS, Rack Version // Power factor 0.9



DN-170040 // Cabinet installation



DN-170041 // with stand

Product information

Product number	EAN	Ampere	Power	Taps	Type	Technology	Outlet	Battery
DN-170040	365891	1500VA	1350W	8x	C13	OnLine	C14	12V/9Ah x3
DN-170041	365907	3000VA	2700W	6x; 1x	C13; C19	OnLine	C14	12V/9Ah x6
DN-170050	371182							

Product number	Protection	Delivery Content
DN-170040	Overload-, discharge- and overcharge protection	UPS, Manual, Power Plug, 483 mm (19") Mounting Bracket
DN-170041	Overload-, discharge- and overcharge protection	UPS, Manual, Power Plug, 483 mm (19") Mounting Bracket
DN-170050		SNMP & WEB Card, Manual

Housing design:	Rack housing, with LCD display incl. stand
Area of application:	Data Center, Server Cabinet
Norms:	EN 62040-1, EN 62040-2, EN-62040-3

General Properties

- True double-conversion technology
- Micro process management optimizes the reliability in case of electricity failure
- Power factor 0.9
- Optional SNMP Card is available, enables remote control via LAN
- EPO switch (Emergency Power Off)
- UPS can be mounted into rack or as a tower with stand



DN-170041 // Back view



DN-170041 // Commissioning

Technical Properties

Nominal- & output voltage:	200/208/220/230/240VAC
Voltage range:	110-300VAC $\pm$ 5%
Frequency range:	40 Hz ~ 70 Hz
Power factor:	$\geq$ 0.99 @ input voltage; $\geq$ 0.90 @ output voltage
AC voltage regulation (battery mode):	$\pm$ 1%
Frequency range (synchronized range):	47 ~ 53 Hz or 57 ~ 63 Hz
Frequency range (battery mode):	50 Hz $\pm$ 0,5% or 60 Hz $\pm$ 0,5%
Current crest ratio:	5:1 (max.)
Harmonic distortion (line mode):	$\leq$ 2% THD (linear load); $\leq$ 4% THD (non-linear load)
Transfer time (line mode to battery mode):	Zero
Transfer time (inverter to bypass):	4 ms (typical)
Wave form (battery mode):	Pure sinewave
Efficiency:	88% (AC mode); 86% (battery mode); 95% (ECO mode)
Typical recharge time:	4 hours to recover 90% of capacity
Charging current:	1.0 A
Charging voltage:	41.1VDC $\pm$ 1%
Humidity:	20-90% RH @ 0 °C up to +40 °C (non-condensing)
Noise level:	Under 50 dBA @1 Meter
Alarm sounds:	Battery mode (sounding every 4 sec.), low battery (sounding every second), overload (sounding twice every sec.), fault (continuously sounding)
Hot Swap:	Changing battery while operating possible ("hot swap")
Support:	Smart RS-232/USB supports Windows® 2000/2003/XP/Vista/2008, Windows® 7/8, Linux, Unix and Mac

Briding Time

Product number	25% Loading	50% Loading	75% Loading	100% Loading
DN-170040	26 min.	11 min.	6 min.	3 min. 30 sec.
DN-170041	31 min. 30 sec.	11 min. 30 sec.	6 min. 30 sec.	4 min.

Cross Reference

	Article number	EAN	Integrable in
SNMP & WEB Card	DN-170050	371182	DN-170040 & DN-170041



DN-170050 // SNMP & WEB Card

Line-Interactive UPS Tower Version // Power factor 0.6



DN-170026-1 // Back view

Product information

Product number	EAN	Ampere	Power	Taps	Type	Technology	Outlet	Battery
DN-170026-1	363583	2000VA	1200W	4x	Schuko	Line-Interactive	Schuko	12V/7Ah x2
DN-170025-1	345114	1500VA	900W	4x	Schuko	Line-Interactive	Schuko	12V/9Ah x2
DN-170024-1	345107	1000VA	600W	4x	Schuko	Line-Interactive	Schuko	12V/9Ah x2

Product number	Protection	Delivery Content
DN-170026-1	Overload-, discharge- and overcharge protection	UPS, Manual, Power Cable, USB Cable
DN-170025-1	Overload-, discharge- and overcharge protection	UPS, Manual, Power Cable, USB Cable
DN-170024-1	Overload-, discharge- and overcharge protection	UPS, Manual, Power Cable, USB Cable

Housing design:	Tower housing with LCD display
Area of application:	Small office/home office/business office
Norms:	EN 62040-1, EN 62040-2, EN-62040-3

General Properties

Excellent micro process management guarantees a high reliability in case of electricity failure

Auto restart while AC is recovering

Cold start function

USB/RS232 communication terminal and RJ11/45 telephone protection


DN-170025-1 // Back view

DN-170024-1 // Back view

Technical Properties

Connection Type:	4x Schuko, 2x RJ11/RJ45, 1x RS232, 1x USB 2.0 Typ B
Input voltage:	230VAC
Voltage range:	162-290VAC
Frequency range:	50 Hz (auto sensing)
Output voltage:	230VAC $\pm$ 10%
AC voltage regulation (battery mode):	10%
Frequency range (battery mode):	50 Hz $\pm$ 1%
Typical transfer time:	2-6 ms
Waveform (battery mode):	Simulated sine wave
Battery:	12V/7Ah x 2
Typical recharge time:	4 hours to recover 90% of capacity
Alarm sounds:	Battery mode (sounding every 10 sec.), low battery (sounding every second), overload (sounding every 0.5 sec.), fault (continuously sounding)
Humidity:	0-90% RH @ 0 °C to +40 °C (non-condensing)
Noise level:	Less than 40 dB
With overload-, discharge- and overcharge protection	
Boost and buck AVR for voltage stabilization	

Bridding Time

Product number	25% Loading	50% Loading	75% Loading	100% Loading
DN-170026-1	15 min.	5 min.	2 min.	1 min.
DN-170025-1	20 min.	6 min. 30 sec.	2 min.	1 min. 20 sec.
DN-170024-1	25 min.	7 min. 30 sec.	1 min.	30 sec.

Line-Interactive UPS // 600VA/360W Power factor 0.6



DN-170013-1 // Back view

Product information

Product number	EAN	Ampere	Power	Taps	Type	Technology	Outlet	Battery
DN-170013-1	2345077	600VA	360W	2x	Schuko	Line-Interactive	Schuko	1x 12V/7Ah

Product number

Protection

Delivery Content

DN-170013-1

Overload-, discharge- and overcharge protection

UPS, manual, power cable

Housing Design:

Extern, with LED indicator, incl. reset button

Area of Application:

Small office/home office/business office

Norms:

EN 62040-1, EN 62040-2, EN-62040-3

General Properties

2x Schuko, 2x RJ11/RJ45

Dimensions (HxWxD):

279x101x142 mm

Net weight:

4.2 kg

Technical Properties

Capacity: 600VA/360W

Input voltage: 230VAC

Voltage range: 162-290VAC

Frequency range: 50 Hz (auto sensing)

Output voltage: 230 VAC $\pm$ 10%

AC voltage regulation (battery mode): 0.1

Frequency range (battery mode): 50 Hz $\pm$ 1%

Typical transfer time: 2-6 ms

Waveform (battery mode): Simulated sine wave

Battery: 1x 12V/7Ah

Typical recharge time: 4 hours to recover 90% of capacity

Alarm sounds: Battery mode (sounding every 10 sec.), low battery (sounding every second), overload (sounding every 0.5 sec.), fault (continuously sounding)

Humidity: 0-90% RH @ 0 °C to +40 °C (non-condensing)

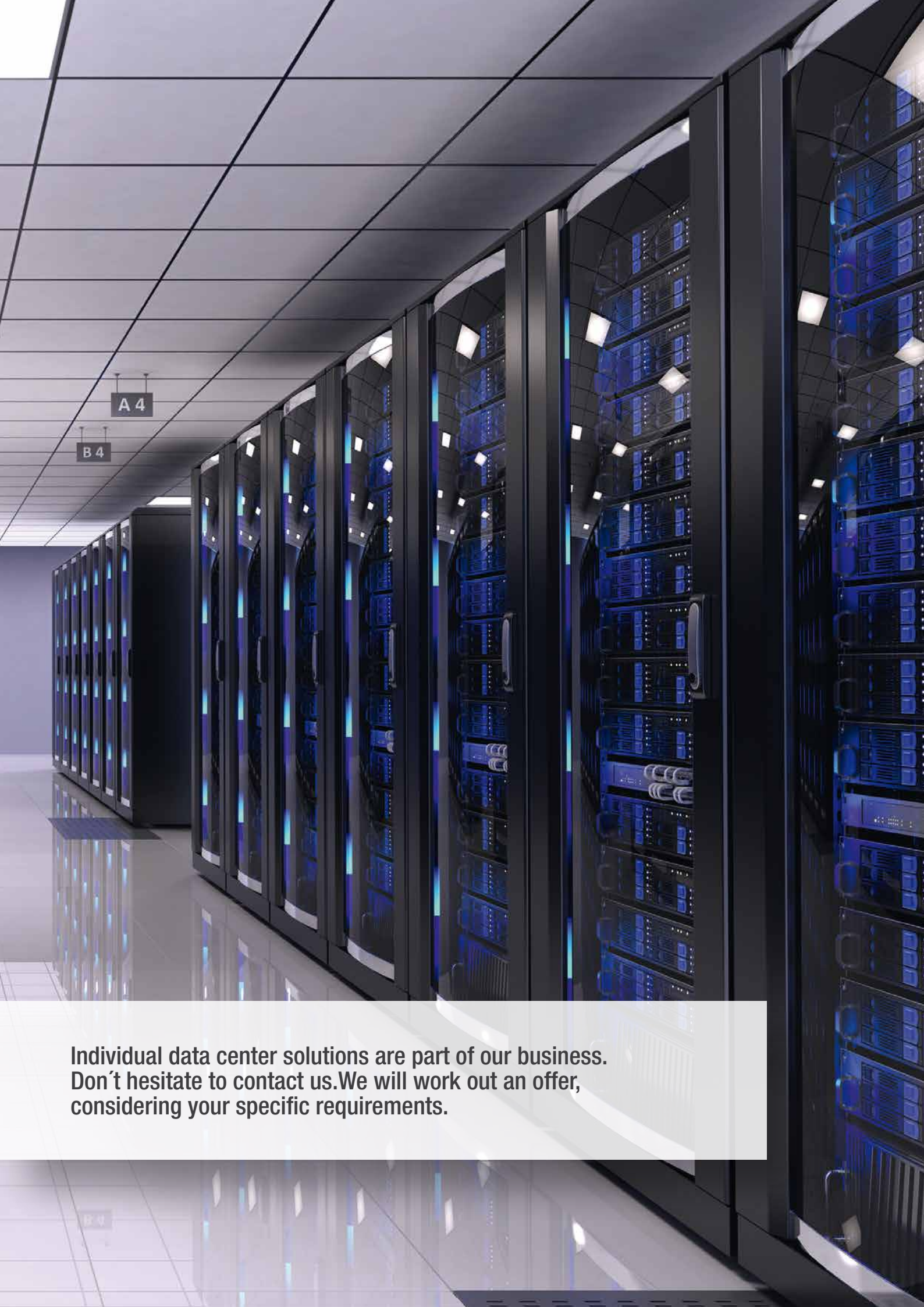
Noise level: Less than 40 dB

Boost and buck AVR for voltage stabilization

Auto restart while AC is recovering

Briding Time

Article number	25% Loading	50% Loading	75% Loading	100% Loading
DN-170013-1	19 min.	6 min.	30 sec.	5 sec.



Individual data center solutions are part of our business.
Don't hesitate to contact us. We will work out an offer,
considering your specific requirements.

Daker DK OnLine UPS, 1x Outlet Termination Block // Power factor 0.9



A-17063/A-17064 // Cabinet installation



A-17063/A-17064 // with stand

Product Information								
Product number	EAN	Battery Operating Autonomy	Apparent Output Power	Active Output Power	Technology	Package Content	Taps	Outlet
A-17064	343998	4 Min.	6.000VA	5.400W	OnLine	UPS, Manual, Power Cable	1x terminal block	1x terminal block
A-17063	343981	6 Min.	4.500VA	4.050W	OnLine	UPS, Manual, Power Cable	1x terminal block	1x terminal block

Housing design:	Rack housing, with LCD display incl. Stand and SNMP-Slot
Area of application:	Network cabinet, server cabinet
Norms:	EN 62040-1, EN 62040-2, EN 62040-3

General Properties	
Size (HxWxD):	176x440x680 mm
Weight:	52 kg
Operating type:	OnLine - double converter
Battery charging time:	4 hours on 90% loading
20 maintenance-free, leaded and sealed batteries, 12 V 5 Ah	
UPS can be mounted into rack or as a tower with stand	

Technical Properties

Safeguards:	Overload, bypass, interrupting of work by termination of autonomic time and overheating
Operating temperature:	0 °C to +40 °C
Operating humidity:	20-80% (non-condensation)
IP protection class:	IP21
Noise level:	< 50 dBA (in 1 m distance)
Battery operation:	Sine-shaped
Nominal input voltage:	230V
Nominal output voltage:	230V ± 2%
Range of nominal input voltage:	160V up to 280V
Nominal input frequency:	50 or 60 Hz ± 5Hz
Maximum input volt power:	33 arms
Number of input/output phases:	Monophase
Overload capacity:	105% non-stop operation, 120% for 30 sec., 140% for 10 sec.
1x input terminal block, 1x output terminal block	
Changing battery possible while operating ("hot swap")	

Briding Time

Product number	100% Loading
A-17063	10 min.
A-17064	8 min. 30 sec.

Cross Reference

	Product number	EAN	Integrable in	Performance	Battery
Daker Battery Cabinet	A-17065	344001	A-17060	1 kVA	12x, 12 V 7,2 Ah
Daker Battery Cabinet	A-17066	344018	A-17061	2 kVA	12x, 12 V 7,2 Ah
Daker External Bypass	A-17068	344032	A-17060, A-17061, A-17062	-	-
Daker Contact Interface Card	A-17069	344049	A-17060, A-17061, A-17062	-	-
Daker SNMP CS 121B SK Card	A-17070	344070	A-17060, A-17061, A-17062	-	-


A-17065/A-17066 // Battery Cabinet

A-17068 // Extern Bypass

A-17069 // Interface Card

A-17070 // SK Card

Daker OnLine UPS, Rack Version // Power factor 0.9



A-17060/A-17061/A-17062 // Cabinet installation

A-17060/A-17061/A-17062 // with stand

Product Information

Product number	EAN	Battery	Battery Cabinet expandable	Battery Operating Autonomy	Outputs
A-17062	343974	6 maintenance-free, cyanhydric acid 12 V 7.2 Ah	no	8 min.	2x IEC C13 (programmable), 2x IEC C13, 1x IEC C19
A-17061	343967	6 maintenance-free, leaded 12 V 7.2 Ah	yes	10 min.	2x IEC C13 (programmable), 4x IEC C14
A-17060	343950	3 maintenance-free, leaded 12 V 7.2 Ah	yes	10 min.	2x IEC C13 (programmable), 4x IEC C13

Product Information

Product number	Apparent Output Power	Active Output Power	Weight	Delivery Content
A-17062	3.000VA	2.400W	30.0 kg	UPS, Manual, Power Plug
A-17061	2.000VA	1.600W	29.5 kg	UPS, Manual, Power Plug
A-17060	1.000VA	800W	16.0 kg	UPS, Manual, Power Plug

Housing design:	Rack housing, with LCD display incl. stand and SNMP slot
Area of application:	Small office/home office/business office
Norms:	EN 62040-1, EN 62040-2, EN 62040-3

General Properties

Safeguards:	Overload, bypass, interrupt of working by termination of autonomic time and overheating
Operating type:	OnLine - double converter
Overload capacity:	105% non-stop operation, 120% for 30 seconds, 150% for 10 seconds
UPS can be mounted into rack or as a tower with stand	

Technical Properties

Operating temperature range:	0 °C to +40 °C
Operating moisture range:	20 up to 80% non-condensation
Safety class according IEC 529:	IP20
Noise level in 1 m distance:	< 50 dBA
Nominal input voltage:	230V
Nominal output voltage:	230V ± 1%
Range of nominal input voltage:	160V up to 288V
Nominal input frequency:	50 or 60 Hz ± 5Hz
Number of input/output phases:	Monophase
Battery operation:	Sine-shaped
Battery charging time:	4 to 6 hours on 80% of loading

Briding Time

Product number	In Combination with	Charge	100% Loading
A-17060	-	1000 VA	10 min.
A-17060	1x A-17065	1000 VA	1h 22 min.
A-17060	2x A-17065	1000 VA	2h 44. min.
A-17060	3x A-17065	1000 VA	4h 22 min.
A-17060	4x A-17065	1000 VA	5h 52 min.
A-17061	-	2000 VA	10 min.
A-17061	1x A-17066	2000 VA	39 min.
A-17061	2x A-17066	2000 VA	1h 22 min.
A-17061	3x A-17066	2000 VA	1h 57 min.
A-17061	4x A-17066	2000 VA	2h 44 min.
A-17062	-	3000 VA	8 min.

Cross Reference

	Product number	EAN	Intergrable in	Power	Battery
Daker Battery Rack	A-17065	344001	A-17060	1 kVA	12x, 12 V 7,2 Ah
Daker Battery Rack	A-17066	344018	A-17061	2 kVA	12x, 12 V 7,2 Ah
Daker External Bypass	A-17068	344032	A-17060, A-17061, A-17062	-	-
Daker Contact Interface Card	A-17069	344049	A-17060, A-17061, A-17062	-	-
Daker SNMP CS 121B SK Card	A-17070	344070	A-17060, A-17061, A-17062	-	-



A-17065/A-17066 // Battery Cabinet



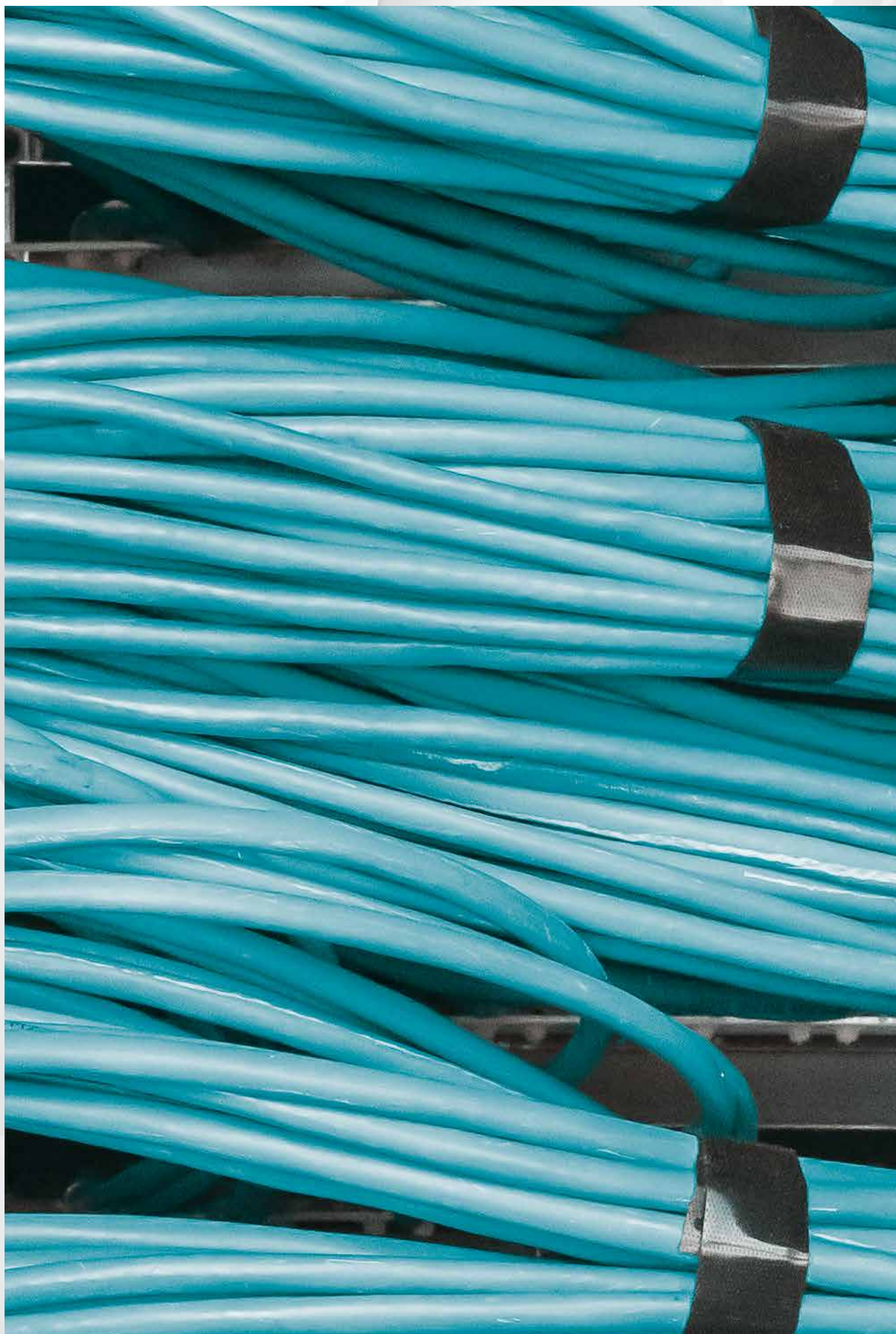
A-17068 // Extern Bypass



A-17069 // Interface Card



A-17070 // SK Card





COPPER COMPONENTS

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Serious. Reliable. Affordable.

Our copper components

Optimum networking of numerous hardware components is one of the major factors in the success of modern businesses. Data can only be processed as fast as the cables allow it to travel. Copper technology has always offered reliable performance and represents the most affordable solution, particularly over short distances. In addition, copper components are quick and easy to install.

Over the next few pages, we will introduce a wide array of copper-based passive network solutions, including patch cable, twisted-pair installation cable and the corresponding modular adapters and plugs. We offer you flexible and pragmatic solutions suited to the even most challenging environmental conditions.

Structured Cabling //

ASSMANN Electronic GmbH offers a full range of products for copper connection solutions. The copper assortment far exceeds the minimum requirements of German, European, and international standards. The compendium was developed specifically for building cabling for telecommunications products and services. The standards cover all necessary requirements and recommendations for proper planning, installation and measurement of structured copper cabling systems.

ISO/IEC International Standards

ISO/IEC 11801:2002/Amd2:2010 Generic Cabling for Customer Premises

ANSI/TIA/EIA Standards

ANSI/TIA/EIA-568-C.0-2009

Generic Telecommunications Cabling for Customer Premises

ANSI/TIA/EIA-568-C.1-2009

Commercial Building Telecommunications Cabling Standard

ANSI/TIA/EIA-568-C.2-2009

Balanced Twisted-Pair Telecommunications Cabling and Components Standard

CENELEC EN Standards

EN 50173-1:2013

Information Technology

General Requirements

EN 50173-2:2008

Information Technology

Office Rooms

EN 50173-3:2009

Information Technology

Industrial Buildings

EN 50173-4:2008

Information Technology

Residential Buildings

EN 50173-5:2009

Information Technology

Data Centers

EN 50174-2:2010

Information Technology

Specification of a

System and Quality Assurance

EN 50174-2:2010

Information Technology

Specification of a System and

Quality Assurance

EN 50174-3:2009

Information Technology

Planning and Performing

Outdoor Installation

EN 50600-1:2013

Information Technology

General Concepts (DC)

EN 50600-2-1:2014

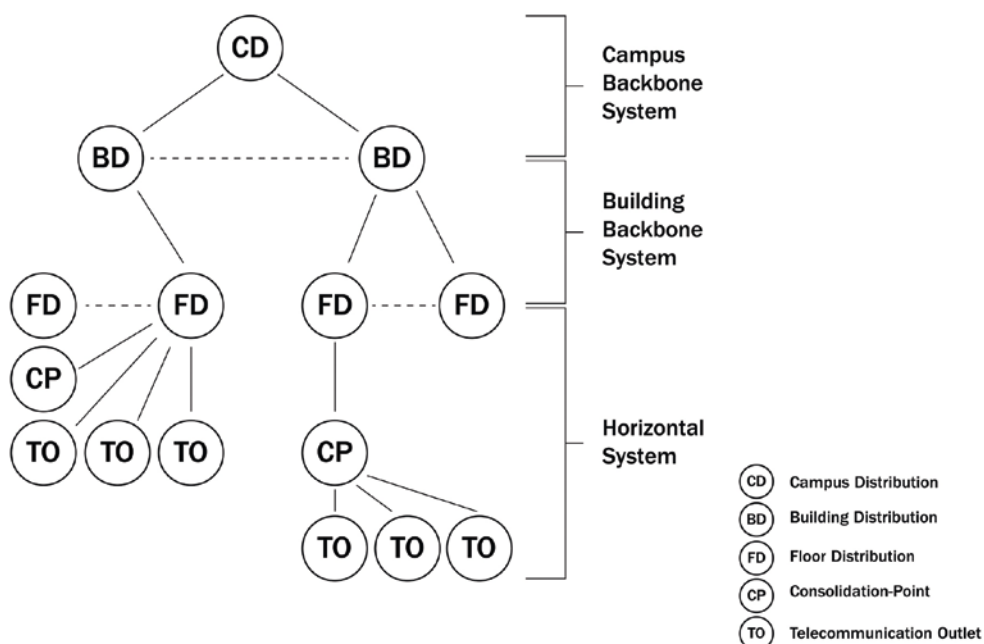
Information Technology

Building Structure (DC)

EN 50346:2004

Information Technology

Testing Installed Cables



Structured cabling (horizontal cabling) is described in detail in the following standards:

Organization	Office cabling	Data Center cabling	Industrial cabling	Home cabling
 International Organization for Standardization	ISO/IEC 11801:2002 ISO/IEC 11801:2002/Amd 2:2010	ISO/IEC 24764	ISO/IEC 24702	ISO/IEC 15018
	EN 50173-2: 2007/ A1:2011	EN 50173-5 2007/ A1:2010	EN 50173-3:2007/ A1:2010	EN 50173-4/ A1:2010
 ADVANCING GLOBAL COMMUNICATIONS	ANSI/TIA-568-C.1 2012	TIA/EIA-942	TIA/EIA-1005	TIA/EIA-570-B

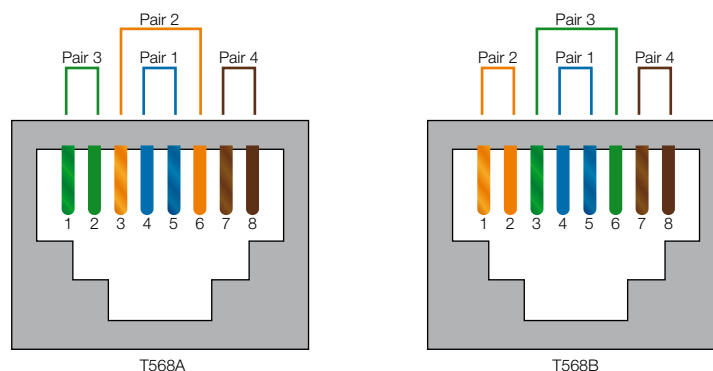
Categories and classes of structured cabling:

	100 MHz	250 MHz	500 MHz	600 MHz	1000 MHz
 ADVANCING GLOBAL COMMUNICATIONS USA	TIA/EIA 568-C.1/2 CAT 5e	TIA/EIA 568-C.2/1 CAT 6	TIA/EIA 568-C.2-10 CAT 6 _A		
 International Organization for Standardization International	ISO/IEC11801: 2nd Edition Class D	ISO/IEC11801: 2nd Edition Class E	ISO/IEC11801: 2.1 Edition Class E _A	ISO/IEC11801: 2nd Edition Class F	ISO/IEC11801: 2.1 Edition Class F _A
 Europa	CENELEC EN50173-1 Class D	CENELEC EN50173-1 Class E	CENELEC EN50173-1:2011 Class E _A	CENELEC EN50173-1 Class F	CENELEC EN50173-1:2011 Class F _A
 VERBAND DER ELEKTROTECHNISCHEN ELEKTRONIK- UND INFORMATIONSTECHNIK e.V. Germany	DKE DIN EN5017-1 Class D	DKE DIN EN5017-1 Class E		DKE DIN EN5017-1 Class F	

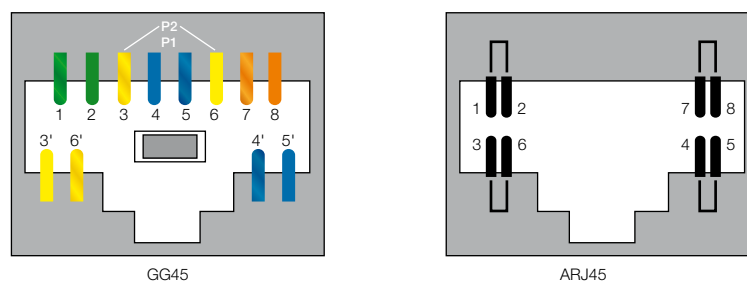
Capacity/transmission property by category:

Class	Transmission Rate	Category	Transfer Rate
Class A	100 KHz	CAT 1	Telephony
Class B	1 MHz	CAT 2	128 Kbps
Class C	16 MHz	CAT 3	10 Mbps
Class D	100 MHz	CAT 5e	100 Mbps
Class E	250 MHz	CAT 6	1 Gbps
Class E _A	500 MHz	CAT 6 _A	10 Gbps
Class F	600 MHz	CAT 7	10 Gbps
Class F _A	1000 MHz	CAT 7 _A	10 Gbps
Class I/II	1600/2000 MHz	CAT 8.1 / CAT 8.2	40 Gbps

Telecommunications sockets and multimedia sockets for copper connection systems are designed as RJ45 connections for classes D, E, and E_A. There are two different layout options:



The maximum transmission properties of classes F and F_A and categories 8.1 and 8.2 can currently only be achieved with GG45 connector faces; the ARJ45 was approved as an alternative connector face for these transmission classes with the publication of ISO/IEC 11801-1 3rd Edition. The connector face is backwards compatible with RJ45:



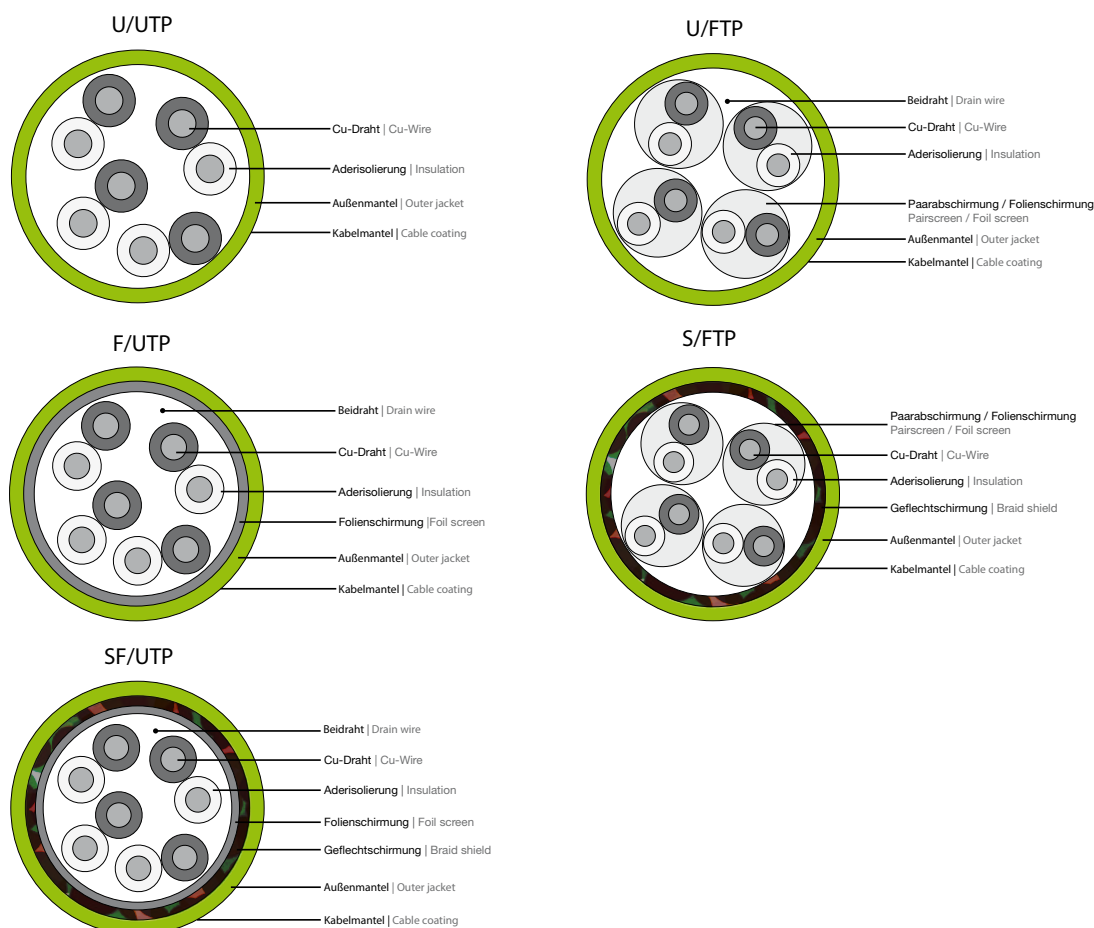
Four-pair twisted pair cables are subdivided into the following types:

U/UTP	unshielded, twisted pair cable
F/UTP	shielded, twisted pair cable; foil shield around all pairs
SF/UTP	shielded, twisted pair cable; foil shield and braided shield around all pairs
U/FTP	shielded, twisted pair cable; foil shield around every pair, with ground wire
F/FTP	shielded, twisted pair cable; foil shield around all pairs and foil shield around every pair
S/FTP	shielded, twisted pair cable; braided shield around all pairs and foil shield around every pair

Cable structure of the twisted pair cable

In accordance with EN 50173-1:2011, the twisted pair cables are specified as follows:

XX/YTA	XX stands for the outer shield, the shielding of the cable. U: no shield; F: foil shield; S: braided shield; SF: foil and braided shield.
Y	one shield for two adapter pairs (four cores). U: no shield; F: foil shield; T: twisted; A: conductor count; P: pair (two cores); Q: quadruplet (4 cores).



Unshielded cables are the most common. Shielded, twisted pair cables are primarily used in Germany, Austria, and Switzerland. Shielded cables have an overall shield and/or a pair shield. The additional shielding reduces interference, which can affect the transmission properties of the cable. Cables in category 7 or higher only attain their performance and transmission properties when shielded.

Fire protection types and fire protection standards for twisted pair cables

Current fire safety regulations do not strictly mandate the use of fire-resistant or low-halogen cables or cables containing low quantities of other pollutants that are emitted during a fire. In Germany, cables that are permanently installed in construction projects for the state, government, municipalities, public facilities, hospitals and airports are currently required through the tendering process to have a fire protection class of at least 3. A law regarding this requirement has yet to be passed.

European committees for standardization are currently working on standards and a series of parameters for cable fire protection. In the future, the European Construction Products Regulation will classify cables and wires and provide an assessment of smoke emissions and caustic effects.

ASSMANN Electronic recommends using cables with the following outer sheaths: LSOH, LS0H, LSZH, LSHF, FRNC, LSFR.

Denotation	Description
LSZH	Low smoke, zero halogen
LSF	Low smoke, fume
LS0H	Low smoke, zero(0) halogen
LSHF	Low smoke, halogen free
LSNH	Low smoke, nonhalogen
NHFR	Nonhalogen, flame retardant
HFFR	Halogen free, flame retardant
FRNC	Fire retardant, noncorrosive
LS	Low, limited smoke

Applicable standards

	International IEC Standards	German Standards	PVC Sheathed Telecommunications Cables	FRNC-C/LSFR-FR Sheathed Telecommunications Cables
Special Flame Retardant Properties of a Single Cables	IEC 60332-1	DIN VDE 0472 Part 804B	x	x
Cable Flame Spread	IEC 60332-3-24 CAT C	DIN VDE 0472 Part 804C		x
Fire Smokes Corrosivity	IEC 60754-2	DIN VDE 0472 Part 813		x
Smoke Density Measurement	IEC 61034-1	DIN VDE 0472 Part 816		x

GBit Ethernet

Gigabit Ethernet uses the Ethernet protocol, but is ten times faster than Fast Ethernet (10/100 MBit). 1000BASE-T networks use four pairs for full-duplex, two-way transmission. Every transceiver performs complex digital signal processing to reduce near-end cross talk (NEXT) and echo. There are two additional parameters that influence the performance of the channel for Gigabit Ethernet:

Return loss (RL) and far-end cross talk (FEXT).

Because every pair in a 1000Base-T network cable represents a two-way transmission, a discrepancy arises in the impedances of the components. This causes an echo, which manifests itself in the form of errors on the receiving end. Although the impedances are eliminated by the hardware, they represent a substantial percentage of the errors in the channel.

Discrepancies arise due to impedances in a connector at high frequencies. By contrast, discrepancies due to impedances between a patch cable and an installation cable arise at low frequencies.

1GBit Ethernet

1GBit Ethernet was officially adopted as the IEEE 802.3 standard for Ethernet in July 2002. This technology is a step towards improving the performance and functionality of company networks and service-provider networks. It combines Multi-Gigabit with intelligent services – intelligent Multi-Gigabit networks with network connections from 10 to 10,000 MBit.

10GBit Ethernet

10GBit Ethernet is used in service-provider networks, as well as company networks. To simplify the implementation of 10 Gigabit Ethernet in the network market, the 10GBit Ethernet Alliance was founded.

Leading companies in the network sector belong to the alliance. In addition, the alliance supports the IEEE 802.3 committee and development of the 802.3ae standard, while also promoting cooperation on 10GBit products.

Additional advantages of introducing 10GBit Ethernet include:

- Very fast connections between buildings, building groups, and connection points
- Consolidation of numerous 1000BASE-X or 1000BASE-T network segments into connections that receive 10GBit Ethernet
- Connections between switches and servers
- Connections between servers – creation of server groups

40/100GBit Ethernet

The latest technology was defined by the IEEE 802.3ba-2010 standard. The workgroup of the ISO/IEC committee specified the parameters for classes 8.I and 8.II in ISO/IEC 11801-1 3rd Edition. It serves as the basis for the category 8 standard for 40GBit Ethernet data transmission systems.

Horizontal cabling system

Horizontal cabling systems connect distribution fields in distribution points (DP) with telecommunication outlets (TO) and workstations or other devices.

The cabling systems can be installed horizontally and vertically. The horizontal cabling system consists of two elements:

1. Horizontal cables and connection components.
2. Horizontal installation options and installation spaces (mounting systems).

Installation of cable ducts

The recommended maximum occupancy for horizontal cable ducts is 53% for a single cable, 31% for two cables, and 40% for three or more cables. This allows up to two 90° curves to be installed along the cable duct. If more than two 90° curves are required, a junction box must be installed between two or fewer junctions. Every sharp-angled ending and every edge must be protected in such a way that the cables are not damaged. Cable ducts should be labeled and should have a plastic or nylon rope for pulling that is capable of supporting up to 90 kg.

Each cable should be individually and precisely labeled in accordance with ISO/IEC 11801 2nd Edition. The use of a four-pair horizontal cable for different purposes is not permitted due to signal incompatibility and/or applications that require all four pairs.

Cable occupation

If signal and power cables are situated in the same cable duct, cable branch, or cable trough, the wires must be physically separated. Details on the precise separation of cables are specified in the EN 50174-2 standard.

Horizontal cables, 90 m sections

The EN 50174-2 standard provides precise specifications of distances between low voltage and electrical systems. Furthermore, the standard contains information on what types of telecommunication cables should be used. The aforementioned standards specify recommended minimum distances for installation, and these should be taken into account. The resistance of telecommunication cables is specified as follows:

Structured network connection

The following rules apply for horizontal cable ducts and backbone-network cabling:

- The minimum allowable distance from glow-discharge lamps is 130 mm.
- The minimum allowable distance from devices that produce electric arcs is 800 mm.
- The minimum allowable distance from frequency-induction heating systems is 1,000 mm.

When running cable ducts through firewalls, the minimum distance can be reduced.

Installation at temperatures under 0°C

The minimum temperature for a cable installation is 0°C. If the cables are being installed at lower temperatures, the following safety measures should be observed to prevent cracking of the cable sheath:

The cable should be stored for 24 hours at a temperature of 10°C prior to installation. In addition, it should not be delivered to the installation site more than four hours prior to installation. This ensures that the cable will withstand the temperature and be resistant to cracks. Cables that are not installed within four hours should promptly be stored at room temperature.

Surplus cable should be rolled up with a winding diameter of 25 cm to 31 cm. This prevents cracks from developing in the cable sheath.

Minimum bend radius

Guidelines concerning minimum bend radii should be observed during installation.

Mechanical Properties		
Minimum Bend Radius	During Installation After Installation	8x $\varnothing$ 4x $\varnothing$
Temperature Range	During Operation During Installation	-20 °C to +60 °C 0 °C to +50 °C

If the minimum bend radius is exceeded, the cable geometry and transmission performance may be negatively affected.

Depending on the bend angle, it may not be possible to return the cable to its original bend radius. If a cable segment exhibits this problem, replacement is recommended. The minimum bend radius of the cable for installation is higher than for the final position when the cable is free of any tension.

There are two situations in which the minimum bend radius can be exceeded:

It may happen that after installation the excess cable is jammed in the data socket or, worse yet, coiled up and stuffed in the socket. To avoid this problem, it is recommended that the remaining cable be inserted in the wall. Furthermore, there is a danger that the cable could become sharply bent at the distribution point (network cabinet) starting at the distribution field. For this reason, cables should be installed along spacious curves without sharp bends or changes of direction.

Long-term warranty on DIGITUS® Professional products

ASSMANN Electronic GmbH stands for quality and customer satisfaction. We can therefore offer a system guarantee for passive cabling systems of DIGITUS® Professional.

System warranty for passive cabling systems

The new ASSMANN system guarantee for DIGITUS® Professional copper cabling systems:

Be carefree for the next 25 years guaranteed

The cabling infrastructure is a long-term strategic investment for any business. ASSMANN's system guarantee for DIGITUS® Professional cabling systems ensures that your installation provides a lastingly robust foundation for your data infrastructure. That's why the 25-year guarantee agreement is geared to plant owners and operators.



We certify the system, rather than the installer, as is customary in the market

As suppliers of the full array of passive building cabling components, we supervise and monitor the performance and reliability of all products we deliver. In addition, we have their efficiency certified by independent testing institutes. There is no need for specific training programmes to ensure the DIGITUS® components are properly mounted, since installation is very straightforward. Should you require training regardless, we will arrange all the necessary steps by agreement. Just get in touch.

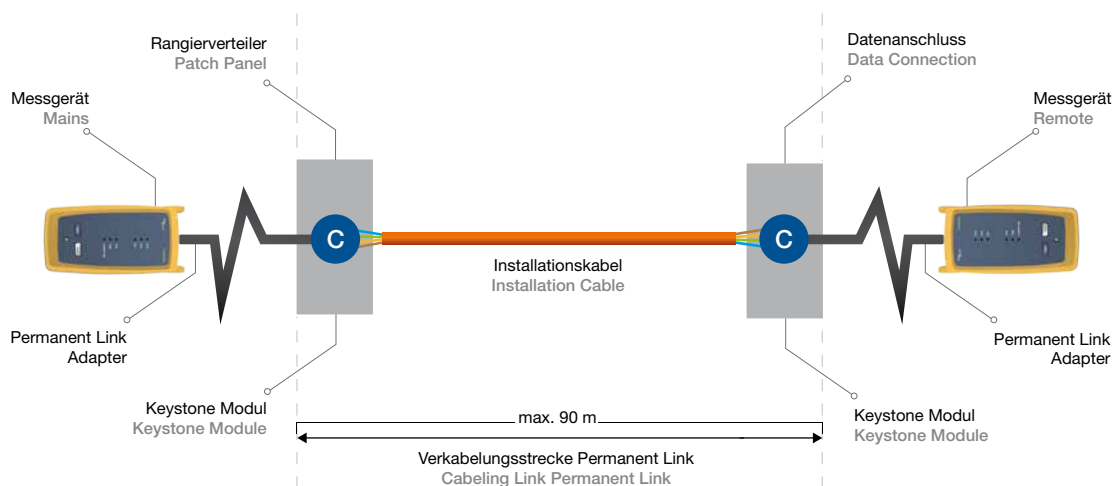
25-year system guarantee what's in it?

Together with our long-standing experience in quality assurance, confirmations issued on a regular basis by certifying organisations allow us to offer our 25-year system guarantee on passive cabling components (Permanent Link). The efficiency of our products is verified by independent testing laboratories.

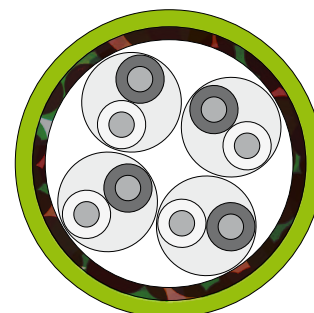
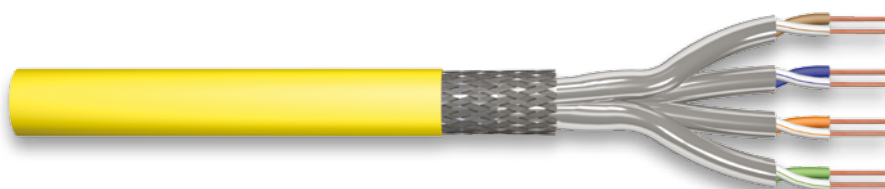
During this 25-year period, we guarantee that the cabling (Permanent Link) meets all the standards that are in force at the time of installation. This concerns the transmission characteristics under the current standard requirements as per DIN EN 50173-1 and ISO/IEC 11801 in the Permanent Link.

Should a guarantee claim arise in this period from a case of non-compliance with the transmission characteristics as stipulated by the standards in force at the time of installation, we will exchange and, if appropriate, fix the affected accessory.

Measurement Configuration Permanent Link



CAT 8.2, S/FTP Twisted Pair Installation Cable



Product Number	EAN	Product Description
DK-1843-VH-5	380542	CAT 8 S/FTP PiMF Installation Cable, raw, length 500 m, drum, AWG 22/1, 2000 MHz, LSZH-3, simplex, color yellow (RAL 1016)
DK-1843-VH-10	380535	CAT 8 S/FTP PiMF Installation Cable, raw, length 1000 m, drum, AWG 22/1, 2000 MHz, LSZH-3, simplex, color yellow (RAL 1016)

Product Information

Area of Application:	Primary (Campus), Secondary (Riser), Tertiary (Horizontally)
	IEEE 802.3: 10Base-T; 100Base-T; 1000Base-T; 10GBase-T; 40GBase-T
	IEEE 802.5 16 MB; ISDN; TPDDI; ATM; CATV; PoE/PoE+ (IEEE 802.3af; 3at; 3 bt)
Norms:	ISO/IEC 11801 2nd Ed.; IEC 61156-5; IEC 61156-9; EN 50173; EN 50288-4-1
FRNC (Flame retardancy):	IEC 60332-3-24; IEC 60754-2; IEC 61034

Physical Description

Basic conductor:	Solid AWG 22/1, bare annealed copper, diameter 0.57 mm nominal
Insulation:	SFS-PE (Foam-Skin Polyethylene)
Total number of insulated conductors:	8, twisted in 4 pairs
Color code:	Blue-white, orange-white, green-white, brown-white
Individual pair shielding:	Aluminum foil, providing 100% coverage
Overall shielding:	50% wire braid, copper drain wire
Outer jacket:	Halogen-free (FRNC-C/LSZH-3)
Outer jacketed diameter:	0.6 mm nominal
Color:	Yellow (RAL 1016)

Mechanical Properties

Tensile loading:	150 N max.
Dynamic bending radius:	8x AD mm min.
Static bending radius:	4x AD mm min.
Shipping- and storage temperature range:	-20 °C to +75 °C
Operating temperature range:	-20 °C to +60 °C
Installation temperature range:	0 °C to +50 °C
Overall diameter:	7.8 mm nominal
Flame retardancy:	IEC 60332-3-24
Halogen-free & smoke-proof:	IEC 60754-2 & IEC 61034-2
Fire load:	620 MJ/km
Weight:	55 kg/km

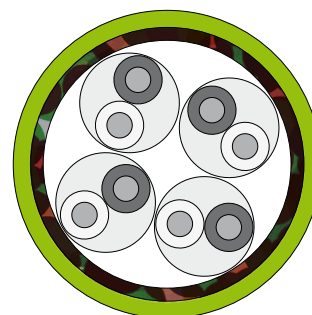
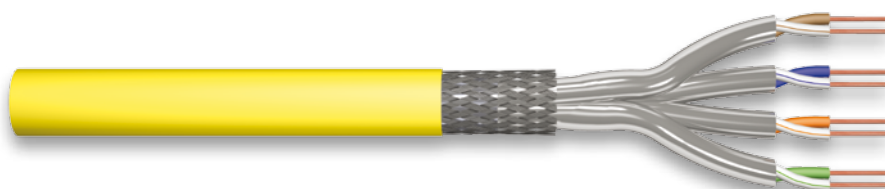
Electrical Properties

Mean impedance:	100±5 Ohm @ 1-600 MHz
Capacitance:	43 pF/m nominal
Capacitance unbalance (pair-ground):	1.2 pF/m
Insulation resistance:	5 GOhm x km min.
DC loop resistance:	130 Ohm/km max. (2% resistance unbalance)
Voltage resistance:	72 Vdc max.
Coupling attenuation:	85 dB
Signal propagation delay:	440 nS/100 m
Delay difference:	5.0 nS/100 m max.
Separating class:	"d" acc. to EN-50174-2
NVP:	79%

Transmission Properties (IEC 61156-9 (Draft 2013))

FREQ.	ATT	NEXT	PS NEXT	RL	ACR	PS ACR
MHz.	dB	dB	dB	dB	dB	dB
10	2.91	78	75	25	75.1	72.1
100	9.26	75.4	72.4	20.1	66.1	63.1
250	14.68	69.5	66.5	17.3	54.8	51.8
500	21.38	64.9	61.9	17.3	43.5	40.5
600	23.55	63.7	60.7	17.3	40.2	37.2
1000	30.96	60.4	57.4	15.1	29.4	26.4
1200	34.18	59.2	56.2	14.3	25	22
1600	40	57.3	54.3	13	17.3	14.3
2000	45.25	55.9	52.9	12.1	10.7	7.7

CAT 8.2, S/FTP, Twisted Pair Installation Cable



Product Number	EAN	Product Description
DK-1841-VH-5	380559	CAT 8.2 S/FTP PiMF Installation Cable, length 500 m, drum, AWG 22/1, 2000 MHz, LSZH-1, simplex, color yellow (RAL 1016)
DK-1841-VH-10	380566	CAT 8.2 S/FTP PiMF Installation Cable, length 1000 m, drum, AWG 22/1, 2000 MHz, LSZH-1, simplex, color yellow (RAL 1016)

Product Information

Area of Application:	Primary (Campus), Secondary (Riser), Tertiary (Horizontally)
	IEEE 802.3: 10Base-T; 100Base-T; 1000Base-T; 10GBase-T; 40GBase-T
	IEEE 802.5: 16 MB; ISDN; TPDDI; ATM; CATV; PoE/PoE+ (IEEE 802.3af; 3at; 3bt)
Norms:	ISO/IEC 11801 2nd Ed.; IEC 61156-5; IEC 61156-9; EN 50173; EN 50288-9-1
FRNC (Flame retardancy):	IEC 60332-1; IEC 60754-2; IEC 61034

Physical Description

Basic conductor:	Solid AWG 22/1, bare annealed copper, diameter 0.62 mm nominal
Insulation:	FM-PE (Foam-Skin Polyethylene)
Total number of insulated conductors:	8, twisted in 4 pairs
Color code:	Blue-white, orange-white, green-white, brown-white
Individual pair shielding:	Aluminum foil, providing 100% coverage
Overall shielding:	Wire braid, 50% nominal coverage, copper drain wire
Outer jacket:	Halogen-free (FRNC-B/LSZH-1)
Outer jacketed diameter:	0.6 mm nominal
Color:	Yellow (RAL 1016)

Mechanical Properties

Tensile loading:	150 N max.
Dynamic bending radius:	8x AD mm min.
Static bending radius:	4x AD mm min.
Shipping- and storage temperature range:	-20 °C to +75 °C
Operating temperature range:	-20 °C to +60 °C
Installation temperature range:	0 °C to +50 °C
Overall diameter:	7.8 mm nominal
Flame retardancy:	IEC 60332-1
Halogen-free & smoke-proof:	IEC 60754-2 & IEC 61034
Fire load:	650 MJ/km
Weight:	50 kg/km

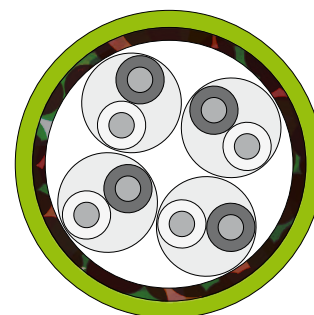
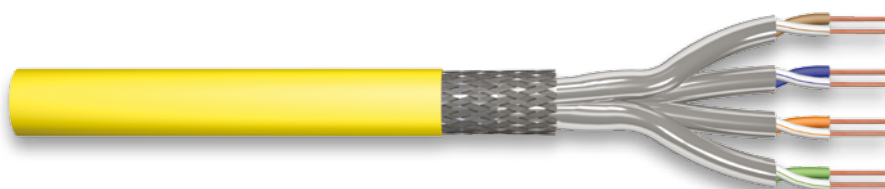
Electrical Properties

Mean impedance:	100±5 Ohm @ 1-600 MHz
Capacitance:	43 pF/m nominal
Capacitance unbalance (pair-ground):	1.2 pF/m
Insulation resistance:	5 GOhm x km min.
DC loop resistance:	130 Ohm/km max. (2% resistance unbalance)
Voltage resistance:	72 Vdc max.
Coupling attenuation:	85 dB
Signal propagation delay:	440 nS/100 m
Delay difference:	5.0 nS/100 m max.
Separating class:	"d" acc. to EN 50174-2
NVP:	79%

Transmission Properties (IEC 61156-9 (Draft 2013))

FREQ.	ATT	NEXT	PS NEXT	RL	ACR	PS ACR
MHz.	dB	dB	dB	dB	dB	dB
10	2.91	78	75	25	75.1	72.1
100	9.26	75.4	72.4	20.1	66.1	63.1
250	14.68	69.5	66.5	17.3	54.8	51.8
500	21.38	64.9	61.9	17.3	43.5	40.5
600	23.55	63.7	60.7	17.3	40.2	37.2
1000	30.96	60.4	57.4	15.1	29.4	26.4
1200	34.18	59.2	56.2	14.3	25	22
1600	40	57.3	54.3	13	17.3	14.3
2000	45.25	55.9	52.9	12.1	10.7	7.7

CAT 7_A, S/FTP Twisted Pair Installation Cable



Product Number	EAN	Product Description
DK-1743-A-VH-5	363842	CAT 7 _A S/FTP PiMF Installation Cable, raw, length 500 m, drum, AWG 22/1, 1500 MHz, LSZH-3, simplex, color yellow (RAL 1016)
DK-1743-A-VH-10	363859	CAT 7 _A S/FTP PiMF Installation Cable, raw, length 1000 m, drum, AWG 22/1, 1500 MHz, LSZH-3, simplex, color yellow (RAL 1016)
DK-1743-A-VH-D-5	380610	CAT 7 _A S/FTP PiMF Installation Cable, raw, length 500 m, drum, AWG 22/1, 1500 MHz, LSZH-3, duplex, color yellow (RAL 1016)

Product Information

Areas of Application:	Primary (Campus), Secondary (Riser), Tertiary (Horizontally)
	IEEE 802.3: 10Base-T; 100Base-T; 1000Base-T; 10GBase-T
	IEEE 802.5: 16 MB; ISDN; FDDI; ATM; CATV; Broadband video; PoE/PoE+
Norms:	ISO/IEC 11801 2nd Ed.; IEC 61156-5
	EN 50173-1/4; EN 50288-9-1
FRNC (Flame retardancy):	IEC 60332-3-24; IEC 60754-2; IEC 61034

Physical Description

Basic conductor:	Solid AWG 22/1, bare annealed copper, diameter 0.60 mm nominal
Insulation:	SFS-PE (Foam-Skin Polyethylene)
Total number of insulated conductors:	8, twisted in 4 pairs
Color code:	Blue-white, orange-white, green-white, brown-white
Individual pair shielding:	Aluminum foil, providing 100 % coverage
Overall shielding:	Wire braid, 50% nominal coverage
Outer jacket:	Halogen-free (FRNC-C/LSZH-3)
Outer jacketed diameter:	0.6 mm nominal
Color:	Yellow (RAL 1016)

Mechanical Properties

Tensile loading:	150 N max.
Dynamic bending radius:	8x AD mm min.
Static bending radius:	4x AD mm min.
Shipping- and storage temperature range:	-20 °C to +75 °C
Operating temperature range:	-20 °C to +60 °C
Installation temperature range:	0 °C to +50 °C
Overall diameter:	8.0 mm nominal
Flame retardancy:	IEC 60332-3-24
Halogen-free & smoke-proof:	IEC 60754-2 & IEC 61034
Fire load:	700 Mj/km
Weight:	70 kg/km

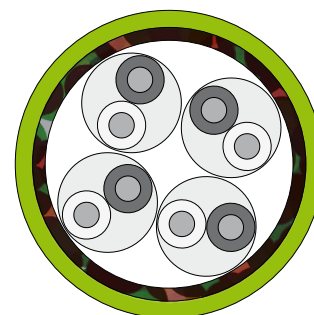
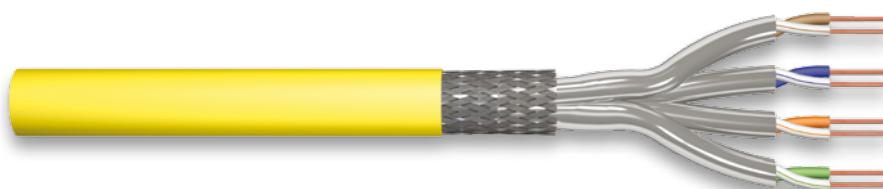
Electrical Properties

Mean impedance:	100±5 Ohm @ 1-600 MHz
Capacitance:	40 pF/m nominal @ 1 KHz
Capacitance unbalance (pair-ground):	1.6 pF/m max. @ 1 KHz
Insulation resistance:	5 GOhm x km min.
DC loop resistance:	147 Ohm/km max. (2% resistance unbalance)
Voltage resistance:	72 Vdc max.
Coupling attenuation:	80 dB
Signal propagation delay:	450 nS/100 m
Delay Difference:	10 nS/100 m max.
Separating class:	"d" acc. to EN 50174-2
NVP:	79%

Transmission Properties

FREQ.	ATT	NEXT	PS NEXT	RL	ELFEXT	PS ELFEXT	ACR	PS ACR
MHz	dB	dB	dB	dB	dB	dB	dB	dB
1	1.6	110	107	26.1	109	106	108	105
10	4.2	110	107	32.3	109	106	106	103
100	14.4	110	107	36.2	93	90	96	93
250	24.5	105	102	34.8	83	80	81	78
500	34	105	102	31.8	70	67	71	68
600	37.7	100	97	28.5	64	61	62	59
1000	49	92	89	22.2	49	46	43	40
1200	54.9	88	85	20.2	40	37	34	31
1500	62	73	70	12.3	25	22	11	8

CAT 7_A, S/FTP Twisted Pair Installation Cable



Product Number	EAN	Product Description
DK-1741-A-VH-5	275107	CAT 7A S/FTP PiMF Installation Cable, raw, length 500 m, drum, AWG 22/1, 1500 MHz, LSZH-1, simplex, color yellow (RAL 1016)
DK-1741-A-VH-10	341000	CAT 7A S/FTP PiMF Installation Cable, raw, length 1000 m, drum, AWG 22/1, 1500 MHz, LSZH-1, simplex, color yellow (RAL 1016)
DK-1741-A-VH-D-5	380597	CAT 7A S/FTP PiMF Installation Cable, raw, length 500 m, drum, AWG 22/1, 1500 MHz, LSZH-1, duplex, color yellow (RAL 1016)

Product Information

Area of Application:	Primary (Campus), Secondary (Riser), Tertiary (Horizontally)
	IEEE 802.3: 10Base-T; 100Base-T; 1000Base-T; 10GBase-T
	IEEE 802.5: 16 MB; ISDN; FDDI; ATM; CATV; Broadband video; PoE/PoE+
Norms:	ISO/IEC 11801 2nd Ed.; IEC 61156-5
	EN 50173-1/4; EN 50288-9-1
FRNC (Flame retardancy):	IEC 60332-1; IEC 60754-2; IEC 61034

Physical Description

Basic conductor:	Solid AWG 22/1, bare annealed copper, diameter 0.60 mm nominal
Insulation:	SFS-PE (Foam-Skin Polyethylene)
Total number of insulated conductors:	8, twisted in 4 pairs
Color code:	Blue-white, orange-white, green-white, brown-white
Individual pair shielding:	Aluminum foil, providing 100% coverage
Overall shielding:	Wire braid, 50% nominal coverage
Outer jacket:	Halogen-free (FRNC-B/LSZH-1)
Outer jacketed diameter:	0.8 mm nominal
Color:	Yellow (RAL 1016)

Mechanical Properties

Tensile loading:	150 N max.
Dynamic bending radius:	8x AD mm min.
Static bending radius:	4x AD mm min.
Shipping- and storage temperature range:	-20 °C to +75 °C
Operating temperature range:	-20 °C to +60 °C
Installation temperature range:	0 °C to +50 °C
Overall diameter:	7.3 mm nominal
Flame retardancy:	IEC 60332-1
Halogen-free & smoke-proof:	IEC 60754-2 & IEC 61034
Fire load:	740 MJ/km
Weight:	70 kg/km

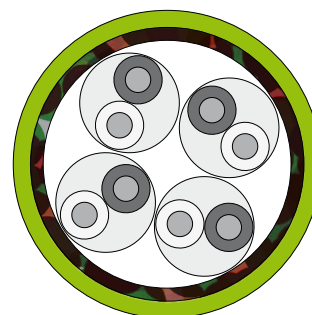
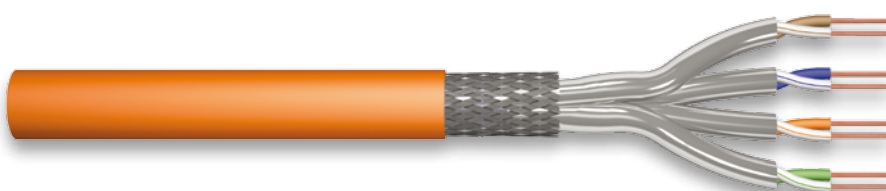
Electrical Properties

Mean impedance:	100±5 Ohm @ 1-600 MHz
Capacitance:	40 pF/m nominal @ 1 KHz
Capacitance unbalance (pair-ground):	1.6 pF/m max. @ 1 KHz
Insulation resistance:	5 GOhm x km min.
DC loop resistance:	147 Ohm/km max. (2% resistance unbalance)
Voltage resistance:	72 Vdc max.
Phase delay:	534-36/f ^{1/2} nS/100 m max. @ f=1-1000 MHz
Signal propagation delay:	440 nS/100 m
Delay Difference:	10 nS/100 m max.
Separating class:	"d" acc. to EN 50174-2
NVP:	79%

Transmission Properties

FREQ.	ATT	NEXT	PS NEXT	RL	ELFEXT	PS ELFEXT	ACR	PS ACR
MHz	dB	dB	dB	dB	dB	dB	dB	dB
1	1.6	110	107	26.1	109	106	108	105
10	4.2	110	107	32.3	109	106	106	103
100	14.4	110	107	36.2	93	90	96	93
250	24.5	105	102	34.8	83	80	81	78
500	34	105	102	31.8	70	67	71	68
600	37.7	100	97	28.5	64	61	62	59
1000	49	92	89	22.2	49	46	43	40
1200	54.9	88	85	20.2	40	37	34	31
1500	62	73	70	12.3	25	22	11	8

CAT 7, S/FTP Twisted Pair Installation Cable



Product Number	EAN	Product Description
DK-1743-VH-5	353997	CAT 7 S/FTP PiMF Installation Cable, raw, length 500 m, drum, AWG 23/1, 1200 MHz, LSZH-3, simplex, color orange (RAL 2000)
DK-1743-VH-10	300786	CAT 7 S/FTP PiMF Installation Cable, raw, length 1000 m, drum, AWG 23/1, 1200 MHz, LSZH-3, simplex, color orange (RAL 2000)
DK-1743-VH-D-5	380573	CAT 7 S/FTP PiMF Installation Cable, raw, length 500 m, drum, AWG 23/1, 1200 MHz, LSZH-3, duplex, color orange (RAL 2000)

Product Information

Area of Application:	Primary (Campus), Secondary (Riser), Tertiary (Horizontally)
	IEEE 802.3: 10Base-T; 100Base-T; 1000Base-T; 10GBase-T
	IEEE 802.5: 16 MB; ISDN; FDDI; ATM; PoE/PoE+
Norms:	ISO/IEC 11801 2nd Ed.; IEC 61156-5
	EN 50173-1; EN 50288-4-1
FRNC (Flame retardancy):	IEC 60332-3-24; IEC 60754-2; IEC 61034

Physical Description

Basic conductor:	Solid AWG 23/1, bare annealed copper, diameter 0.57 mm nominal
Insulation:	SFS-PE (Foam-Skin Polyethylene)
Total number of insulated conductors:	8, twisted in 4 pairs
Color code:	Blue-white, orange-white, green-white, brown-white
Individual pair shielding:	Aluminum foil, providing 100% coverage
Overall shielding:	35% wire braid, copper drain wire
Outer jacket:	Halogen-free (FRNC-C/LSZH-3)
Outer jacketed diameter:	0.7 mm nominal
Color:	Orange (RAL 2000)

Mechanical Properties

Tensile loading:	150 N max.
Dynamic bending radius:	8x AD mm min.
Static bending radius:	4x AD mm min.
Shipping- and storage temperature range:	-20 °C to +75 °C
Operating temperature range:	-20 °C to +60 °C
Installation temperature range:	0 °C to +50 °C
Overall diameter:	7.3 mm nominal
Flame retardancy:	IEC 60332-3-24
Halogen-free & smoke-proof:	IEC 60754-2 & IEC 61034
Fire load:	620 MJ/km
Weight:	50 kg/km



Electrical Properties

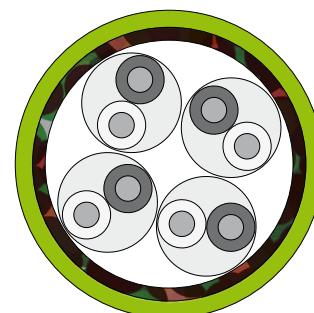
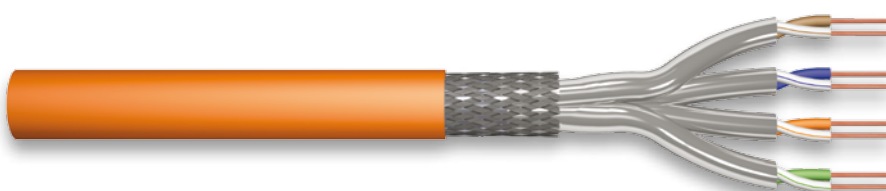
Mean impedance:	100±5 Ohm @ 1-600 MHz
Capacitance:	40 pF/m nominal @ 1 KHz
Capacitance unbalance (pair-ground):	1.6 pF/m max. @ 1 KHz
Insulation resistance:	5 GOhm x km min.
DC loop resistance:	147 Ohm/km max. (2% resistance unbalance)
Voltage resistance:	72 Vdc max.
Coupling attenuation:	80 dB
Signal propagation delay:	450 nS/100 m
Delay difference:	15 nS/100 m max.
Separating class:	“d” acc. to EN-50174-2
NVP:	79%

Transmission Properties

FREQ.	ATT	NEXT	PS NEXT	RL	ACR	PS ACR	ELFEXT	PS ELFEXT	EL TCTL
MHz	dB	dB	dB	dB	dB	dB	dB	dB	dB
1	1.8	100	97	26.6	98.2	95.2	100	97	23
10	5.4	100	97	35.3	89.6	86.6	85	82	30
100	14.4	100	97	39.6	85.6	82.6	65	62	25
250	28.1	90	87	34	61.9	58.9	57	54	23
500	40	86	83	29	46	51	50	47	23
600	44.8	84.5	81.5	25.4	39.7	36.7	49	46	23
1000	58.4	82	79	21.5	23.6	20.6	45	42	20
1200	68	80	77	20.6	12	9	40	37	18

(Installation Cable tested up to 1200 MHz)

CAT 7, S/FTP Twisted Pair Installation Cable



Product Number	EAN	Product Description
DK-1741-VH-1	247449	CAT 7 S/FTP PiMF Installation Cable, length 100 m, ring, AWG 23/1, 1200 MHz, LSZH-1, simplex, color orange (RAL 2000)
DK-1741-VH-5	241324	CAT 7 S/FTP PiMF Installation Cable, length 500 m, drum, AWG 23/1, 1200 MHz, LSZH-1, simplex, color orange (RAL 2000)
DK-1741-VH-10	267508	CAT 7 S/FTP PiMF Installation Cable, length 1000 m, drum, AWG 23/1, 1200 MHz, LSZH-1, simplex, color orange (RAL 2000)
DK-1741-VH-D-1	302292	CAT 7 S/FTP PiMF Installation Cable, length 100 m, ring, AWG 23/1, 1200 MHz, LSZH-1, duplex, color orange (RAL 2000)
DK-1741-VH-D-5	247289	CAT 7 S/FTP PiMF Installation Cable, length 500 m, drum, AWG 23/1, 1200 MHz, LSZH-1, duplex, color orange (RAL 2000)

Product Information

Area of Application:	Primary (Campus), Secondary (Riser), Tertiary (Horizontally)
	IEEE 802.3: 10Base-T; 100Base-T; 1000Base-T; 10GBase-T
	IEEE 802.5: 16 MB; ISDN; FDDI; ATM; PoE/PoE+
Norms:	ISO/IEC 11801 2nd Ed.; IEC 61156-5
	EN 50173; EN 50288-4-1
FRNC (Flame retardancy):	IEC 60332-1; IEC 60754-2; IEC 61034

Physical Description

Basic conductor:	Solid AWG 23/1, bare annealed copper, diameter 0.57 mm nominal
Insulation:	SFS-PE (Foam-Skin Polyethylene)
Total number of insulated conductors:	8, twisted in 4 pairs
Color code:	Blue-white, orange-white, green-white, brown-white
Individual pair shielding:	Aluminum foil, providing 100% coverage
Overall shielding:	Wire braid, 35% nominal coverage, copper drain wire
Outer jacket:	Halogen-free (FRNC-B/LSZH-1)
Outer jacket diameter:	0.6 mm nominal
Color:	Orange (RAL 2000)

Mechanical Properties

Tensile loading:	150 N max.
Dynamic bending radius:	8x AD mm min.
Static bending radius:	4x AD mm min.
Shipping- and storage temperature range:	-20 °C to +75 °C
Operating temperature range:	-20 °C to +60 °C
Installation temperature range:	0 °C to +50 °C
Overall diameter:	7.2 mm nominal simplex, 2x 7.2 mm nominal duplex
Flame retardancy:	IEC 60332-1
Halogen-free & smoke-proof:	IEC 60754-2 & IEC 61034
Fire load:	650 MJ/km simplex; 1300 MJ/km duplex
Weight:	50 kg/km

**Electrical Properties**

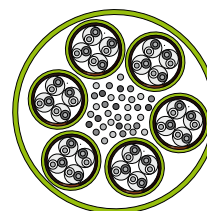
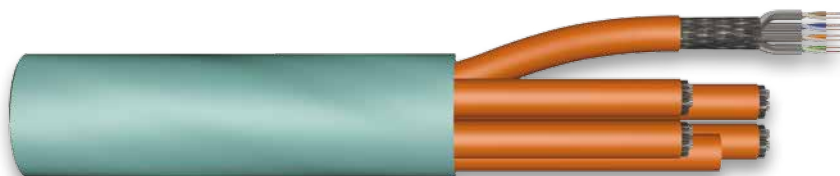
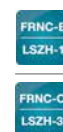
Mean impedance:	100±5 Ohm @ 1-600 MHz
Capacitance:	40 pF/m nominal @ 1 KHz
Capacitance unbalance (pair-ground):	1.6 pF/m max. @ 1 KHz
Insulation resistance:	5 GOhm x km min.
DC loop resistance:	147 Ohm/km max. (2% resistance unbalance)
Voltage resistance:	72 Vdc max.
Coupling attenuation:	80 dB
Signal propagation delay:	450 nS/100 m
Delay difference:	15 nS/100 m max.
Separating class:	"d" acc. to EN-50174-2
NVP:	79%

Transmission Properties

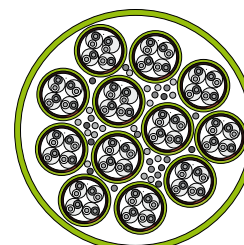
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MHz	dB	dB	dB	dB	dB	dB	dB	dB	dB
1	1.8	100	97	26.6	98.2	95.2	100	97	23
10	5.4	100	97	35.3	89.6	86.6	85	82	30
100	14.4	100	97	39.6	85.6	82.6	65	62	25
250	28.1	90	87	34	61.9	58.9	57	54	23
500	40	86	83	29	46	51	50	47	23
600	44.8	84.5	81.5	25.4	39.7	36.7	49	46	23
1000	58.4	82	79	21.5	23.6	20.6	45	42	20
1200	68	80	77	20.6	12	9	40	37	18

(Installation Cable tested up to 1200 MHz)

CAT 7, S/FTP Multipair Trunk Cable, raw



6 wire Trunk



12 wire Trunk

Product Number	EAN	Product Description
DK-1741-6-001-RAW	379409	CAT 7 S/FTP Multipair Trunk Cable, raw, 6 Cables, AWG 23/1, 1200 MHz, LSZH-1, color turquoise (RAL 6027)
DK-1741-12-001-RAW	311294	CAT 7 S/FTP Multipair Trunk Cable, raw, 12 Cables, AWG 23/1, 1200 MHz, LSZH-1, color turquoise (RAL 6027)
DK-1743-6-001-RAW	379416	CAT 7 S/FTP Multipair Trunk Cable, raw, 6 Cables, AWG 23/1, 1200 MHz, LSZH-3, color turquoise (RAL 6027)
DK-1743-12-001-RAW	379423	CAT 7 S/FTP Multipair Trunk Cable, raw, 12 Cables, AWG 23/1, 1200 MHz, LSZH-3, color turquoise (RAL 6027)

Product Information

Area of Application:	Primary (Campus), Secondary (Riser), Tertiary (Horizontally)
	IEEE 802.3: 10Base-T; 100Base-T; 1000Base-T; 10GBase-T
	IEEE 802.5: 16 MB; ISDN; FDDI; ATM; PoE/PoE+
Norms:	ISO/IEC 11801 2nd Ed.; IEC 61156-5
	EN 50173; EN 50288-4-1
FRNC (Flame retardancy):	DK-1741-x IEC 60332-1; IEC 60754-2; IEC 61034
	DK-1743-x IEC 60332-3-24; IEC 60754-2; IEC 61034

Physical Description

Basic conductor:	Solid AWG 23/1, bare annealed copper, diameter 0.56 mm nominal
Insulation:	FMPE
Total number of insulated conductors:	8, twisted in 4 pairs
Color code:	Blue-white, orange-white, green-white, brown-white
Individual pair shielding:	Aluminum foil, providing 100% coverage
Overall shielding:	Wire braid, 35% nominal coverage, copper drain wire
Outer jacket diameter:	0.6 mm nominal
Outer jacket:	Halogen-free (FRNC-B/LSZH-1) // FRNC-C // LSZH-3
Outer diameter:	7.3 mm cable, 6 wires in batch: 22.0 mm, 12 wires in batch: 40.0 mm
Color:	Turquoise (RAL 6027)

Mechanical Properties

Tensile loading:	150 N max.
Dynamic bending radius:	8x AD mm min.
Static bending radius:	4x AD mm min.
Shipping- and storage temperature range:	-20 °C to +75 °C
Operating temperature range:	-20 °C to +60 °C
Installation temperature range:	0 °C to +50 °C
Flame retardancy:	DK-1741-x IEC 60332-1
Flammwidrigkeit:	DK-1741-x IEC 60332-1 // DK-1743-x IEC 60332-3-24
Halogen-free & smoke-proof:	IEC 60754-2 & IEC 61034
Weight:	300 kg/km (6 wire-trunk), 600 kg/km (12 wire-trunk)



Electrical Properties

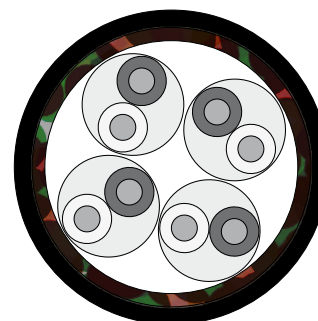
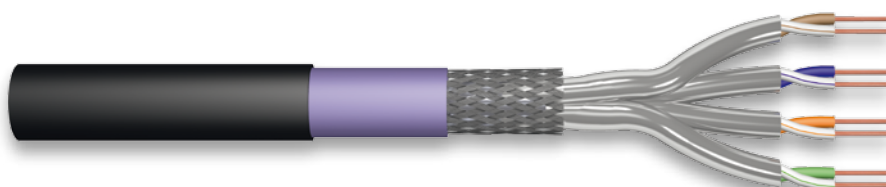
Mean impedance:	100±5 Ohm @ 1-600 MHz
Capacitance:	40 pF/m nominal @ 1 KHz
Capacitance unbalance (pair-ground):	1.6 pF/m max. @ 1 KHz
Insulation resistance:	5 GOhm x km min.
DC loop resistance:	147 Ohm/km max. (2% resistance unbalance)
Voltage resistance:	72 Vdc max.
Coupling attenuation:	80 dB
Signal propagation delay:	450 nS/100 m
Delay difference:	15 nS/100 m max.
Separating class:	"d" acc. to EN-50174-2
NVP:	79%

Transmission Properties

FREQ.	ATT	NEXT	PS NEXT	RL	ACR	PS ACR	ELFEXT	PS ELFEXT	EL TCTL
MHz	dB	dB	dB	dB	dB	dB	dB	dB	dB
1	1.8	100	97	26.6	98.2	95.2	100	97	23
10	5.4	100	97	35.3	89.6	86.6	85	82	30
100	14.4	100	97	39.6	85.6	82.6	65	62	25
250	28.1	90	87	34	61.9	58.9	57	54	23
500	40	86	83	29	46	51	50	47	23
600	44.8	84.5	81.5	25.4	39.7	36.7	49	46	23
1000	58.4	82	79	21.5	23.6	20.6	45	42	20
1200	68	80	77	20.6	12	9	40	37	18

(Installation Cable tested up to 1200 MHz)

CAT 7, S/FTP Twisted Pair Cable, raw



Product Number	EAN	Product Description
DK-1741-VH-10-OD	354130	CAT 7 S/FTP PiMF Installation Cable, raw, length 1000 m, drum, AWG 23/1, 1200 MHz, outdoor, PE, simplex, color black (RAL 9005)

Product Information

Area of Application:	Primary (Campus), Secondary (Riser), Tertiary (Horizontally)
	IEEE 802.3: 10Base-T; 100Base-T; 1000Base-T; 10GBase-T
	IEEE 802.5: 16 MB; ISDN; FDDI; ATM; PoE/PoE+
Norms:	ISO/IEC 11801 2nd ed.; IEC 61156-5
	EN 50173; EN 50288-4-1

Physical Description

Basic conductor:	Solid AWG 23/1, bare annealed copper, diameter 0.57 mm nominal
Insulation:	SFS-PO (Foam-Skin Polyethylene)
Total number of insulated conductors:	8, twisted in 4 pairs
Color code:	Blue-white, orange-white, green-white, brown-white
Individual pair shielding:	Aluminum foil, providing 100% coverage
Overall shielding:	Wire braid, 35% nominal coverage
Outer jacket:	PE (Polyethylene), UV resistant; halogen-free (FRNC-B/LSZH-1)
Outer jacketed diameter:	PE 0.6 mm nominal
Color:	Black (RAL 9005)

Mechanical Properties

Tensile loading:	150 N max.
Dynamic bending radius:	8x AD mm min.
Static bending radius:	4x AD mm min.
Shipping- and storage temperature range:	-20 °C to +60 °C
Operating temperature range:	-50 °C to +60 °C
Installation temperature range:	0 °C to +60 °C
Overall diameter:	8.5 mm nominal
Weight:	66.5 kg/km

**Electrical Properties**

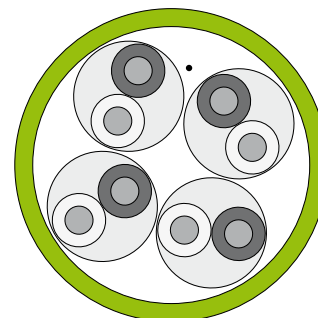
Mean impedance:	100±5 Ohm @ 1-600 MHz
Capacitance:	40 pF/m nominal @ 1 KHz
Capacitance unbalance (pair-ground):	1.6 pF/m max. @ 1 KHz
Insulation resistance:	5 GOhm x km min.
DC loop resistance:	147 Ohm/km max. (2% resistance unbalance)
Voltage resistance:	72 Vdc max.
Coupling attenuation:	80 dB
Signal propagation delay:	450 nS/100 m
Delay difference:	15 nS/100 m max.
Separating class:	"d" acc. to EN-50174-2
NVP:	79%

Transmission Properties

FREQ.	ATT	NEXT	PS NEXT	RL	ACR	PS ACR	ELFEXT	PS ELFEXT	EL TCTL
MHz	dB	dB	dB	dB	dB	dB	dB	dB	dB
1	1.8	100	97	26.6	98.2	95.2	100	97	23
10	5.4	100	97	35.3	89.6	86.6	85	82	30
100	14.4	100	97	39.6	85.6	82.6	65	62	25
250	28.1	90	87	34	61.9	58.9	57	54	23
500	40	86	83	29	46	51	50	47	23
600	44.8	84.5	81.5	25.4	39.7	36.7	49	46	23
1000	58.4	82	79	21.5	23.6	20.6	45	42	20
1200	68	80	77	20.6	12	9	40	37	18

(Installation Cable tested up to 1200 MHz)

CAT 6_A, U/FTP Twisted Pair Installation Cable



Product Number	EAN	Product Description
DK-1623-A-VH-1	344117	CAT 6 _A U/FTP Installation Cable, length 100 m, paper box, AWG 23/1, LSZH-1, 500 MHz, simplex, color light blue (RAL 5012)
DK-1623-A-VH-305	344124	CAT 6 _A U/FTP Installation Cable, length 305 m, paper box, AWG 23/1, LSZH-1, 500 MHz, simplex, color light blue (RAL 5012)
DK-1623-A-VH-5	344216	CAT 6 _A U/FTP Installation Cable, length 500 m, drum, AWG 23/1, LSZH-1, 500 MHz, simplex, color light blue (RAL 5012)

Product Information

Area of Application:	Primary (Campus), Secondary (Riser), Tertiary (Horizontally)
	IEEE 802.3: 10Base-T; 100Base-T; 1000Base-T; 10GBase-T
	IEEE 802.5: 16 MB; ISDN; FDDI; ATM; PoE/PoE+
Norms:	ANSI/TIA-568-C; ISO/IEC 11801 2nd Ed.; EN 50173-1; EN 5028811-1; IEC 61156-5
FRNC (Flame retardancy):	IEC 60332-1; IEC 60754-2; IEC 61034

Physical Description

Basic conductor:	Solid AWG 23/1, bare annealed copper, diameter 0.57 mm nominal
Insulation:	HD-PE (High Density Polyethylene)
Total number of insulated conductors:	8, twisted in 4 pairs
Color code:	Blue-white, orange-white, green-white, brown-white
Individual pair shielding:	Aluminum foil, providing 100% coverage
Overall shielding:	Drain wire
Outer jacket:	Halogen-free (FRNC-B/LSZH-1)
Outer jacketed diameter:	0.6 mm nominal
Color:	Light blue (RAL 5012)

Mechanical Properties

Tensile loading:	150 N max.
Dynamic bending radius:	8x AD mm min.
Static bending radius:	4x AD mm min.
Shipping- and storage temperature range:	-20 °C to +60 °C
Operating temperature range:	-20 °C to +75 °C
Installation temperature range:	0 °C to +50 °C
Overall diameter:	7.0 mm nominal
Flame retardancy:	IEC 60332-1
Halogen-free & smoke-proof:	IEC 60754-2 & IEC 61034
Fire load:	650 MJ/km
Weight:	50 kg/km

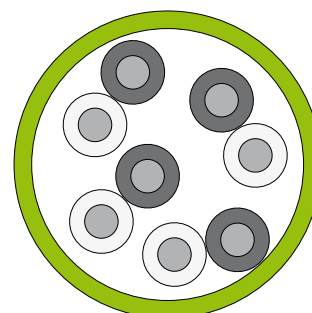
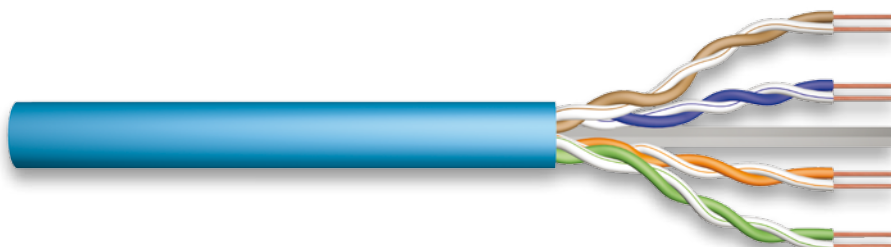
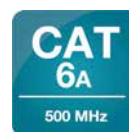
**Electrical Properties**

Impedance:	100±5 Ohm
Capacitance:	40 pF/m nominal @ 1 KHz
Capacitance unbalance (pair-ground):	1.6 pF/m max. @ 1 KHz
Insulation resistance:	5 GOhm x km min.
DC loop resistance:	147 Ohm/km max. (2% max. resistance unbalance)
Voltage resistance:	72 Vdc max.
Coupling attenuation:	65 dB
Signal propagation delay:	450 nS/100 m
Delay difference:	15 nS/100 m max.
Separating class:	"C" acc. to EN 50174-2
NVP:	70%

Transmission Properties

FREQ.	ATT	NEXT	PS NEXT	RL	ACR	PS ACR	ELFEXT	PS ELFEXT
MHz	dB	dB	ns	dB	dB	dB	dB	dB
1	2.1	95	92	25	92.9	89.9	68	65
4	3.8	94	91	25	90.2	87.2	56	53
10	5.9	90	87	25	84.1	81.1	48	45
16	7.5	89	86	25	81.5	88.5	43.9	40.9
20	8.4	88.5	85.5	25	80.1	77.1	42	39
31.25	10.5	88	28.25	23.6	77.5	74.5	38.1	35.1
62.5	15	80	59.5	21.5	65	62	32.1	29.1
100	19.1	75	72	20.1	55.9	52.9	28	25
200	27.6	68	65	18	40.4	37.4	22	19
250	31.1	66	63	17.3	34.9	31.9	20	17
300	34.3	65	62	16.8	30.7	27.7	18.5	15.5
500	45.3	57	54	15.2	11.7	8.7	14	11

CAT 6_A, U/UTP Twisted Pair Installation Cable



Product Number	EAN	Product Description
DK-1613-A-VH-1	344094	CAT 6 _A U/UTP Installation Cable, raw, length 100 m, paper box, AWG 23/1, LSZH-1, 500 MHz, simplex, color light blue (RAL 5012)
DK-1613-A-VH-305	344100	CAT 6 _A U/UTP Installation Cable, raw, length 305 m, paper box, AWG 23/1, LSZH-1, 500 MHz, simplex, color light blue (RAL 5012)
DK-1613-A-VH-5	344209	CAT 6 _A U/UTP Installation Cable, raw, length 500 m, drum, AWG 23/1, LSZH-1, 500 MHz, simplex, color light blue (RAL 5012)

Product Information

Area of Application:	Primary (Campus), Secondary (Riser), Tertiary (Horizontally)
	IEEE 802.3: 10Base-T; 100Base-T; 1000Base-T; 10GBase-T
	IEEE 802.5: 16 MB; ISDN; PoE; PoE+; ATM
Norms:	ANSI/TIA-568-C; ISO/IEC 11801 2nd Ed.; EN 50173; EN 50288-11-1; IEC 61156-5
FRNC (Flame Retardancy):	IEC 60332-1; IEC 60754-2; IEC 61034

Physical Description

Basic conductor:	Solid AWG 23/1, bare annealed copper, diameter 0.55 mm nominal
Insulation:	HD-PE (High Density Polyethylene)
Total number of insulated conductors:	8, twisted in 4 pairs
Color code:	Blue-white, orange-white, green-white, brown-white
Individual pair shielding:	None
Overall shielding:	None
Outer jacket:	Halogen-free (FRNC/LSZH-1)
Outer jacketed diameter:	0.9 mm nominal
Color:	Light blue (RAL 5012)

Mechanical Properties

Tensile loading:	150 N max.
Dynamic bending radius:	8x AD mm min.
Static bending radius:	4x AD mm min.
Shipping- and storage temperature range:	-20 °C to +60 °C
Operating temperature range:	-20 °C to +75 °C
Installation temperature range:	0 °C to +50 °C
Overall diameter:	7.0 mm nominal
Flame retardancy:	IEC 60332-1
Halogen-free & smoke-proof:	IEC 60754-2 & IEC 61034
Fire load:	295 Mj/km

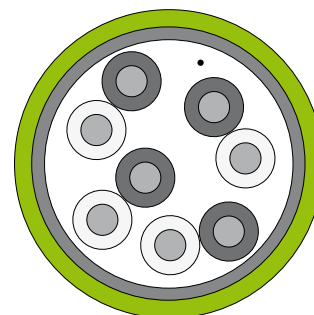
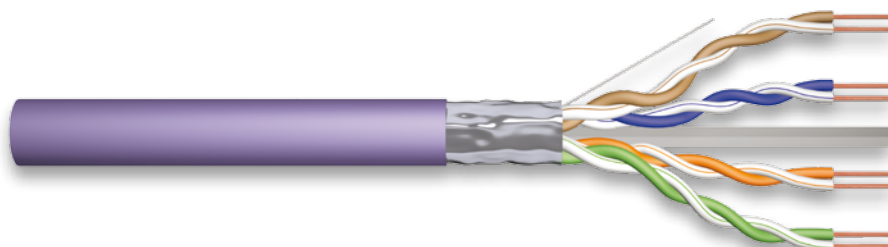
Electrical Properties

Impedance:	100±5 Ohm @ 1-100 MHz
Capacitance:	40 pF/m nominal @ 1 KHz
Capacitance unbalance (pair-ground):	1.6 pF/m max. @ 1 KHz
Insulation resistance:	5 GOhm x km min.
DC loop resistance:	147 Ohm/km max. (2% max. resistance unbalance)
Voltage resistance:	72 Vdc max.
Coupling attenuation:	65 dB
Signal propagation delay:	450 nS/100 m
Delay difference:	20 nS/100 m max.
Separating class:	"c" acc. to EN 50174-2
NVP:	70%

Transmission Properties

FREQ.	ATT	NEXT	PS NEXT	RL	ACR	PC ACR	ELFEXT	PS ELFEXT	TCL
MHz	dB	dB	dB	dB	dB	dB	dB	dB	dB
4	3.7	65.27	62.27	25	61.57	58.57	55.8	52.8	40
10	5.9	59.3	56.3	25	53.4	50.4	47.8	44.8	40
16	7.4	56.24	53.2	25	48.84	45.84	43.7	40.7	38
20	8.3	54.78	51.78	25	46.48	43.48	41.8	38.8	37
31,5	10.5	51.83	48.83	23.6	41.33	38.33	37.8	34.8	35
62,5	14.9	47.36	46.36	21.5	32.46	39.46	31.9	28.9	32
100	19	44.3	41.3	20.1	25.3	22.3	27.8	24.8	30
200	27.5	42.1	36.78	18	14.6	11.6	21.8	18.8	27
300	34.2	40	34.14	16.8	5.8	2.8	18.3	15.3	25.2
500	37.2	38.5	48	15.2	1.3	-2.3	13.8	10.8	23

CAT 6 F/UTP Twisted Pair Installation Cable



Product Number	EAN	Product Description
DK-1623-VH-1	344056	CAT 6 F/UTP Installation Cable, length 100 m, paper box, AWG 23/1, 250 MHz, LSZH-1, simplex, color purple (RAL 4005)
DK-1623-VH-305	344063	CAT 6 F/UTP Installation Cable, length 305 m, paper box, AWG 23/1, 250 MHz, LSZH-1, simplex, color purple (RAL 4005)
DK-1623-VH-5	344247	CAT 6 F/UTP Installation Cable, length 500 m, drum, AWG 23/1, 250 MHz, LSZH-1, simplex, color purple (RAL 4005)

Product Information

Area of Application:	Primary (Campus), Secondary (Riser), Tertiary (Horizontally)
	IEEE 802.3: 10Base-T; 100Base-T; 1000Base-T
	IEEE 802.5: 16 MB; ISDN; FDDI; ATM
Norms:	ANSI/TIA 568-C; ISO/IEC 11801 2nd ed.; EN 50173; EN 50288-5-1
FRNC (Flame retardancy):	IEC 60332-1; IEC 60754-2; IEC 61034

Physical Description

Basic conductor:	Solid AWG 23/1, bare annealed copper, diameter 0.55 mm nominal
Insulation:	HD-PE (High Density Polyethylene)
Total number of insulated conductors:	8, twisted in 4 pairs
Color code:	Blue-white, orange-white, green-white, brown-white
Individual pair shielding:	None
Overall shielding:	Aluminum foil, providing 100 % coverage, drain wire
Outer jacket:	Halogen-free (FRNC/LSZH-1)
Outer jacketed diameter:	0.6 mm nominal
Color:	Purple (RAL 4005)

Mechanical Properties

Tensile loading:	150 N max.
Dynamic bending radius:	8x AD mm min.
Static bending radius:	4x AD mm min.
Shipping- and storage temperature range:	-20 °C to +60 °C
Operating temperature range:	-20 °C to +75 °C
Installation temperature range:	0 °C to +50 °C
Overall diameter:	7.0 mm nominal
Flame retardancy:	IEC 60332-1
Halogen-free & smoke-proof:	IEC 60754-2 & IEC 61034
Fire load:	550 MJ/km

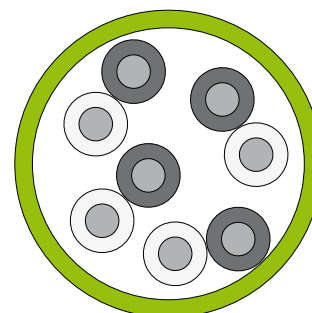
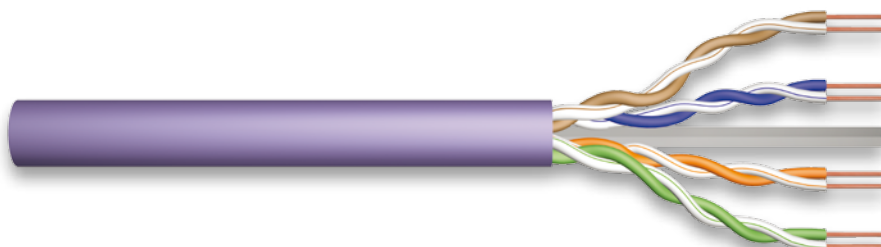
**Electrical Properties**

Impedance:	100±5 Ohm @ 1-100 MHz
Capacitance:	48 pF/m nominal @ 800 Hz
Capacitance unbalance (pair-ground):	1.5 pF/m max. @ 1 KHz
Insulation resistance:	5 GMOhm x km min.
DC loop resistance:	147 Ohm/km max. (2% max. resistance unbalance)
Voltage resistance:	72 Vdc max.
Coupling attenuation:	40 dB
Nominal velocity of propagation:	0.67% nominal
Propagation delay:	535 nS/100 m max.
Delay skew:	20 nS/100 m max.
NVP:	69%

Transmission Properties

FREQ.	ATT	NEXT	PS NEXT	RL	ARC	PS ACR	ELFEXT	PS ELFEXT
MHz	dB	dB	dB	dB	dB	dB	dB	dB
1	2.1	74.3	71.3	26	72.2	69.2	68	65
4	3.8	65.3	62.3	25	61.5	58.5	56	53
8	5.3	60.8	57.8	24.5	55.5	52.5	49.9	46.9
10	5.9	59.3	56.3	25	53.4	50.4	48	45
16	7.5	56.2	53.2	25	48.7	45.7	43.9	40.9
20	8.4	54.8	51.8	25	46.4	43.4	42	39
25	9.4	53.3	50.3	24.3	43.9	40.9	40	37
31.25	10.5	51.9	48.9	23.6	41.4	38.4	38.1	35.1
62.5	15	57.4	44.4	21.5	42.4	39.4	32.1	29.1
100	19.1	44.3	41.3	20.1	25.2	22.2	28	25
200	27.6	39.3	36.3	18	11.7	8.7	22	19
250	31.1	38.3	35.3	17.3	7.2	4.2	20	17

CAT 6 U/UTP Twisted Pair Installation Cable



Product Number	EAN	Product Description
DK-1613-VH-1	343653	CAT 6 U/UTP Installation Cable, length 100 m, paper box, AWG 23/1, 250 MHz, LSZH-1, simplex, color purple (RAL 4005)
DK-1613-VH-305	324553	CAT 6 U/UTP Installation Cable, length 305 m, paper box, AWG 23/1, 250 MHz, LSZH-1, simplex, color purple (RAL 4005)
DK-1613-VH-5	343660	CAT 6 U/UTP Installation Cable, length 500 m, drum, AWG 23/1, 250 MHz, LSZH-1, simplex, color purple (RAL 4005)

Product Information

Area of Application:	Primary (Campus), Secondary (Riser), Tertiary (Horizontally)
	IEEE 802.3: 10Base-T; 100Base-T; 1000Base-T
	IEEE 802.5: 16 MB; ISDNi; ATM
Norms:	ANSI/TIA-568-C; ISO/IEC 11801 2nd Ed., EN 50173; EN 50288-5-1
FRNC (Flame Retardancy):	IEC 60332-1; IEC 60754; IEC 61034

Physical Description

Basic conductor:	Solid AWG 23/1, bare annealed copper, diameter 0.55 mm nominal
Insulation:	HD-PE (High Density Polyethylene)
Total number of insulated conductors:	8, twisted in 4 pairs
Color code:	Blue-white, orange-white, green-white, brown-white
Individual pair shielding:	None
Overall shielding:	None
Outer jacket:	Halogen-free (FRNC-B/LSZH-1)
Outer jacketed diameter:	0.6 mm nominal
Color:	Purple (RAL 4005)

Mechanical Properties

Tensile loading:	150 N max.
Dynamic bending radius:	8x AD mm min.
Static bending radius:	4x AD mm min.
Shipping- and storage temperature range:	-20 °C to +60 °C
Operating temperature range:	-20 °C to +75 °C
Installation temperature range:	0 °C to +50 °C
Overall diameter:	6.2 mm nominal
Flame retardancy:	IEC 60332-1
Halogen-free & smoke-proof:	IEC 60754-2 & IEC 61034
Fire load:	320 Mj/km

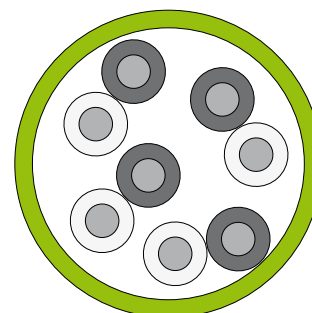
**Electrical Properties**

Impedance:	100±5 Ohm @ 1-100 MHz
Capacitance:	48 pF/m nominal @ 800 Hz
Capacitance unbalance (pair-ground):	1.5 pF/m max. @ 1 KHz
Insulation resistance:	5 GMOhm x km min.
DC loop resistance:	147 Ohm/km max. (2% max. resistance unbalance)
Voltage resistance:	72 Vdc max.
Coupling attenuation:	40 dB
Propagation delay:	535 nS/100 m max.
Delay skew:	20 nS/100 m max.
NVP:	69%

Transmission Properties

FREQ.	ATT	NEXT	PS NEXT	RL	ACR	PS ACR	ELFEXT	PS ELFEXT
MHz	dB	dB	dB	dB	dB	dB	dB	dB
10	5.9	59.3	56.3	25	53.4	50.4	48	45
20	8.4	54.8	51.8	25	46.4	43.4	42	39
62.5	15	57.4	44.4	21.5	25.2	22.2	32.1	29.1
100	19.1	44.3	41.3	20.1	25.2	22.2	28	25
200	27.6	39.3	36.3	18	11.7	8.7	22	19
250	32.85	38.3	35.3	17.3	5.45	2.45	20	17

CAT 6, U/UTP Twisted Pair Installation Cable



Product Number	EAN	Product Description
DK-1611-V-1-NC	378709	CAT 6 U/UTP Installation Cable, length 100 m, box, AWG23/1, 250 MHz, PVC, simplex, color purple (RAL 4005)
DK-1611-V-305-NC	378693	CAT 6 U/UTP Installation Cable, length 305 m, box, AWG23/1, 250 MHz, PVC, simplex, color purple (RAL 4005)
DK-1611-V-5-NC	378716	CAT 6 U/UTP Installation Cable, length 500 m, drum, AWG23/1, 250 MHz, PVC, simplex, color purple (RAL 4005)

Product Information	
Area of Application:	Primary (Campus), Secondary (Riser), Tertiary (Horizontally)
	IEEE 802.3: 10Base-T; 100Base-T; 1000Base-T
	IEEE 802.5: 16 MB; ISDN; ATM
Norms:	ANSI/TIA-568-C; ISO/IEC 11801 2nd Ed.; EN 50173; EN 50288-5-1

Physical Description	
Basic conductor:	Solid AWG 23/1, bare annealed copper, diameter 0.55 mm nominal
Insulation:	HD-PE (High Density Polyethylene)
Total number of insulated conductors:	8, twisted in 4 pairs
Color code:	Blue-white, orange-white, green-white, brown-white
Individual pair shielding:	None
Overall shielding:	None
Outer jacket:	PVC
Outer jacketed diameter:	0.6 mm nominal
Color:	Purple (RAL 4005)

Mechanical Properties

Tensile loading:	150 N max.
Dynamic bending radius:	8x AD mm min.
Static bending radius:	4x AD mm min.
Shipping- and storage temperature range:	-20 °C to +60 °C
Operating temperature range:	-20 °C to +75 °C
Installation temperature range:	0 °C to +50 °C
Overall diameter:	6.0 mm nominal

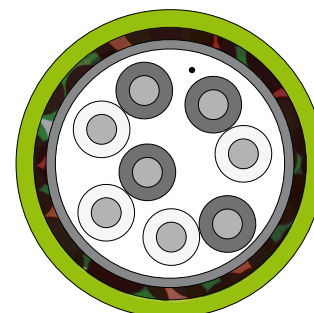
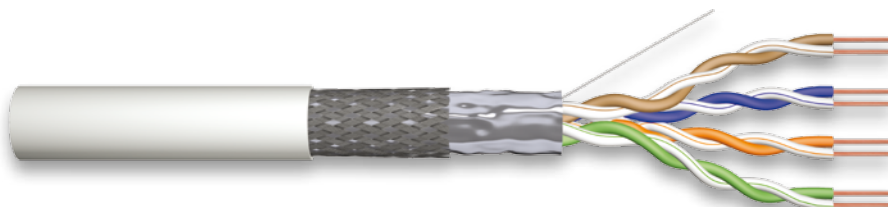
Electrical Properties

Impedance:	100±5 Ohm @ 1-100 MHz
Capacitance:	48 pF/m nominal @ 800 Hz
Capacitance unbalance (pair-ground):	1.5 pF/m max. @ 1 KHz
Insulation resistance:	5 GMOhm x km min.
DC loop resistance:	147 Ohm/km max. (2% max. resistance unbalance)
Voltage resistance:	72 Vdc max.
Coupling attenuation:	40 dB
Propagation delay:	535 nS/100 m max.
Delay skew:	20 nS/100 m max.
NVP:	69%

Transmission Properties

FREQ.	ATT	NEXT	PS NEXT	RL	ACR	PS ACR	ELFEXT	PS ELFEXT
MHz	dB	dB	dB	dB	dB	dB	dB	dB
10	5.9	59.3	56.3	25	53.4	50.4	48	45
20	8.4	54.8	51.8	25	46.4	43.4	42	39
62.5	15	57.4	44.4	21.5	25.2	22.2	32.1	29.1
100	19.1	44.3	41.3	20.1	25.2	22.2	28	25
200	27.6	39.3	36.3	18	11.7	8.7	22	19
250	32.85	38.3	35.3	17.3	5.45	2.45	20	17

CAT 5e, SF/UTP Twisted-Pair Installation Cable



Product Number	EAN	Product Description
DK-1531-V-1	241157	CAT 5e SF/UTP Installation Cable, length 100 m, paper box, AWG 24/1, 100 MHz, PVC, simplex, color grey (RAL 7035)
DK-1531-V-305	241164	CAT 5e SF/UTP Installation Cable, length 305 m, paper box, AWG 24/1, 100 MHz, PVC, simplex, color grey (RAL 7035)

Product Information

Area of Application:	Primary (Campus), Secondary (Riser), Tertiary (Horizontal)
	IEEE 802.3: 10Base-T; 100Base-T; 1000Base-T
	IEEE 802.5: 16 MB; ISDN; FDDI; ATM
Norms:	ANSI/TIA-568-C; ISO/IEC 11801 2nd Ed.; EN 50173-1; EN 50288-2-1

Physical Properties

Basic conductor:	Solid AWG 24/1, bare annealed copper, diameter 0.50 mm nominal
Insulation:	PE (Polyethylene)
Total number of insulated conductors:	8, twisted in 4 pairs
Color code:	Blue-white, orange-white, green-white, brown-white
Individual pair shield:	None
Overall shield:	Foil- and braid shielded
Outer jacket:	PVC
Outer jacketed diameter:	0.6 mm nominal
Color:	Grey (RAL 7035)

Mechanical Properties

Tensile loading:	150 N max.
Dynamic bending radius:	8x AD mm min.
Static bending radius:	4x AD mm min.
Shipping- and storage temperature range:	-20 °C to +75 °C
Operating temperature range:	-20 °C to +60°C
Installation temperature range:	0 °C to +50 °C
Outer jacketed diameter:	6.5 mm nominal

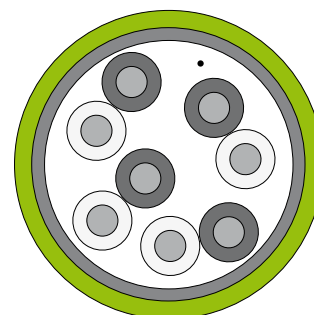
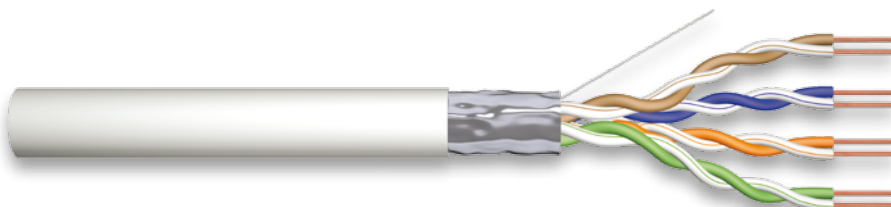
Electrical Properties

Impedance:	100±5 Ohm @ 1-100 MHz
Capacitance:	48 pF/m nominal @ 800 Hz
Capacitance unbalance (pair-ground):	1.5 pF/m nominal
Insulation resistance:	5 GMOhm x km min.
DC loop resistance:	147 Ohm/km max. (2% max. resistance unbalance)
Voltage resistance:	72 Vdc max.
Coupling attenuation:	40 dB
Propagation delay:	535 nS/100 m max.
Delay skew:	20 nS/100 m max.
NVP:	69%

Transmission Properties

FREQ.	ATT	NEXT	PS NEXT	RL	ACR	PS ACR	ELFEXT	PS ELFEXT
MHz	dB	dB	dB	dB	dB	dB	dB	dB
1	2.03	62.3	59.3	17	60.3	57.3	60.75	60.75
4	4.04	53.26	50.26	18.8	49.2	46.2	48.71	48.71
8	5.76	48.75	45.75	19.7	43	40	42.69	42.69
10	6.46	47.3	44.3	20	40.8	37.8	40.75	40.75
16	8.24	44.3	41.3	20	36.1	33.1	36.67	36.67
20	9.26	42.78	39.78	20	33.2	30.2	34.73	34.73
25	10.41	41.33	38.33	19.3	30.9	27.9	32.79	32.79
31.25	11.72	39.87	36.87	18.6	28.2	25.2	30.86	30.86
62.5	16.99	35.36	32.36	16.5	18.4	15.4	24.83	24.83
100	21.97	32.29	29.29	15.1	10.3	7.3	20.75	20.75

CAT 5e, F/UTP Twisted Pair Installation Cable



Product Number	EAN	Product Description
DK-1521-V-1	241119	CAT 5e F/UTP Installation Cable, length 100 m, paper box, AWG 24/1, 100 MHz, PVC, simplex, color grey (RAL 7035)
DK-1521-V-305	241126	CAT 5e F/UTP Installation Cable, length 305 m, paper box, AWG 24/1, 100 MHz, PVC, simplex, color grey (RAL 7035)

Product Information

Area of Application:	Primary (Campus), Secondary (Riser), Tertiary (Horizontal)
	IEEE 802.3: 10Base-T; 100Base-T; 1000Base-T
	IEEE 802.5: 16 MB; ISDN; FDDI; ATM
Norms:	ANSI/TIA-568-C; ISO/IEC 11801 2nd Ed.; EN 50173-1; EN 50288-2-1

Physical Properties

Basic conductor:	Solid AWG 24/1, bare annealed copper, diameter 0.50 mm nominal
Insulation:	PE (Polyethylene)
Total number of insulated conductors:	8, twisted in 4 pairs
Color code:	Blue-white, orange-white, green-white, brown-white
Individual pair shield:	None
Overall shield:	None
Outer jacket:	PVC
Outer jacket diameter:	0.6 mm nominal
Color:	Grey (RAL 7035)

Mechanical Properties

Tensile loading:	150 N max.
Dynamic bending radius:	8x AD mm min.
Static bending radius:	4x AD mm min.
Shipping- and storage temperature range:	-20 °C to +75 °C
Operating temperature range:	-20 °C to +60 °C
Installation temperature range:	0 °C to +50 °C
Outer jacket diameter:	6.0 mm nominal

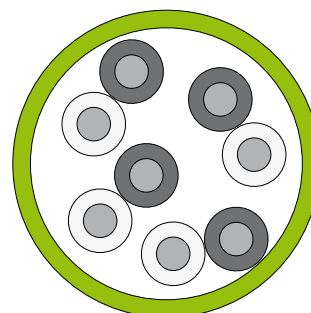
Electrical Properties

Impedance:	100±5 Ohm @ 1-100 MHz
Capacitance:	48 pF/m nominal @ 800 Hz
Capacitance unbalance (pair-ground):	1.5 pF/m nominal
Insulation resistance:	5 GMOhm x km min.
DC loop resistance:	147 Ohm/km max. (2% max. resistance unbalance)
Voltage resistance:	72 Vdc max.
Coupling attenuation:	40 dB
Propagation delay:	535 nS/100 m max.
Delay skew:	20 nS/100 m max.
NVP:	69%

Transmission Properties

FREQ.	ATT	NEXT	PS NEXT	RL	ACR	PS ACR	ELFEXT	PS ELFEXT
MHz	dB	dB	dB	dB	dB	dB	dB	dB
1	2.03	62.3	59.3	17	60.3	57.3	60.75	60.75
4	4.04	53.26	50.26	18.8	49.2	46.2	48.71	48.71
8	5.76	48.75	45.75	19.7	43	40	42.69	42.69
10	6.46	47.3	44.3	20	40.8	37.8	40.75	40.75
16	8.24	44.3	41.3	20	36.1	33.1	36.67	36.67
20	9.26	42.78	39.78	20	33.2	30.2	34.73	34.73
25	10.41	41.33	38.33	19.3	30.9	27.9	32.79	32.79
31.25	11.72	39.87	36.87	18.6	28.2	25.2	30.86	30.86
62.5	16.99	35.36	32.36	16.5	18.4	15.4	24.83	24.83
100	21.97	32.29	29.29	15.1	10.3	7.3	20.75	20.75

CAT 5e, U/UTP Twisted Pair Installation Cable



Product Number	EAN	Product Description
DK-1511-V-1-1	363804	CAT 5e U/UTP Installation Cable, length 100 m, paper box, 100 MHz, PVC, simplex, color grey (RAL 7035)
DK-1511-V-305-1	363811	CAT 5e U/UTP Installation Cable, length 305 m, paper box, 100 MHz, PVC, simplex, color grey (RAL 7035)

Product Information

Area of Application:	Primary (Campus), Secondary (Riser), Tertiary (Horizontally)
	IEEE 802.3: 10Base-T; 100Base-T; 1000Base-T
	IEEE 802.5: 16 MB; ISDN; FDDI; ATM
Norms:	ANSI/TIA-568-C; ISO/IEC 11801 2nd Ed.; EN 50173-1; EN 50288-2-1

Physical Properties

Basic conductor:	Bare annealed copper
Insulation:	PE (Polyethylene)
Total number of insulated conductors:	8, twisted in 4 pairs
Color code:	Blue-white, orange-white, green-white, brown-white
Individual pair shield:	None
Overall shield:	None
Outer jacket:	PVC
Outer jacketed diameter:	0.5 mm nominal
Color:	Grey (RAL 7035)

Mechanical Properties

Tensile loading:	150 N max.
Dynamic bending radius:	8x AD mm min.
Static bending radius:	4x AD mm min.
Shipping- and storage temperature range:	-20 °C to +75 °C
Operating temperature range:	-20 °C to +60 °C
Installation temperature range:	0 °C to +50 °C
Outer jacket diameter:	5.0 mm nominal



Electrical Properties

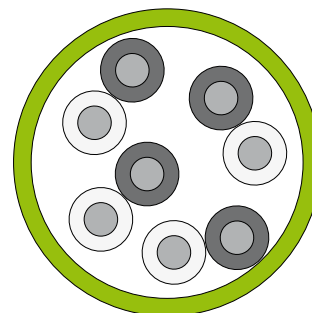
Impedance:	100±5 Ohm @ 1-100 MHz
Capacitance:	48 pF/m nominal @ 800 Hz
Capacitance unbalance (pair-ground):	1.5 pF/m nominal
Insulation resistance:	5 GMOhm x km min.
DC loop resistance:	147 Ohm/km max. (2% max. resistance unbalance)
Voltage resistance:	72 Vdc max.
Coupling attenuation:	40 dB
Propagation delay:	535 nS/100 m max.
Delay skew:	20 nS/100 m max.
NVP:	69%

Transmission Properties

FREQ.	ATT	NEXT	PS NEXT	RL	ACR	PS ACR	ELFEXT	PS ELFEXT
MHz	dB	dB	dB	dB	dB	dB	dB	dB
1	2.03	62.3	59.3	17	60.3	57.3	60.75	60.75
4	4.04	53.26	50.26	18.8	49.2	46.2	48.71	48.71
8	5.76	48.75	45.75	19.7	43	40	42.69	42.69
10	6.46	47.3	44.3	20	40.8	37.8	40.75	40.75
16	8.24	44.3	41.3	20	36.1	33.1	36.67	36.67
20	9.26	42.78	39.78	20	33.2	30.2	34.73	34.73
25	10.41	41.33	38.33	19.3	30.9	27.9	32.79	32.79
31.25	11.72	39.87	36.87	18.6	28.2	25.2	30.86	30.86
62.5	16.99	35.36	32.36	16.5	18.4	15.4	24.83	24.83
100	21.97	32.29	29.29	15.1	10.3	7.3	20.75	20.75

Twisted Pair Installation Cable

CAT 6, U/UTP Twisted Pair Installation Cable, Short Link 70 m



Product Number	EAN	Product Description
ACU-4611-305	317197	CAT 6 U/UTP Installation Cable raw, length 305 m, carton, AWG 23/1, 250 MHz, PVC, color grey (RAL 7035)

Product Information

Area of Application:	1000BASE-T, 100BASE-T
Norms:	ISO/IEC 11801; EN 50173-1; DIN EN 50288-5-1

Physical Properties

Conductor:	Copper covered aluminum AWG 23/1
Total number of insulated conductors:	8 conductors, twisted in 2x 4 pairs
Core color:	Blue-white, orange-white, green-white, brown-white
Individual pair shield:	None
Overall shield:	None
Sheath thickness:	0.55 mm nominal
External outer diameter:	6.0 mm nominal
Material:	PVC
Color:	Grey (RAL 7035)

Mechanical Properties

Tensile loading:	150 N max.
Dynamic bending radius:	8x AD mm min.
Static bending radius:	4x AD mm min.
Shipping- and storage temperature range:	-20° C to +60 °C
Operating temperature range:	-10° C to +75° C
Installation temperature:	0° C to +50° C

Twisted Pair Installation Cable

Electrical Properties

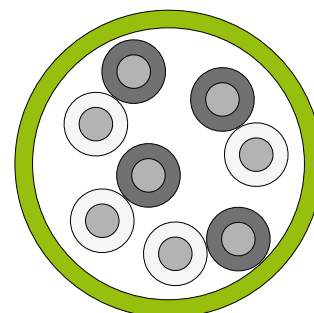
Impedance:	100±5 Ohm @ 1-100 MHz
Capacitance:	48 pF/m nominal @ 800 Hz
Capacitance unbalance (pair-ground):	1.5 pF/m max. @ 1 KHz
Insulation resistance:	2 GMOhm x km min.
DC loop resistance:	147 Ohm/km max. (2% max. resistance unbalance)
Voltage resistance:	72 Vdc max.
Coupling attenuation:	40 dB
Propagation delay:	535 nS/100 m max.
Delay skew:	20 nS/100 m max.
NVP:	69%

Transmission Properties

FREQ.	ATT	NEXT	PS NEXT	RL	ELFEXT	PS ELFEXT	PS ELFEXT
MHz	dB	dB	dB	dB	dB	dB	dB
1	2.1	65.0	62.0	19.0	63.3	60.3	60.3
4.0	4.0	63.0	60.0	19.0	51.2	48.2	48.2
8.0	5.7	58.2	55.2	19.0	45.2	42.2	42.2
10.0	6.3	56.6	53.6	19.0	43.3	40.3	40.3
16.0	8.0	53.2	50.2	18.0	39.2	36.2	36.2
20.0	9.0	51.6	48.6	17.5	37.2	34.2	34.2
25.0	10.1	50.0	47.0	17.0	35.3	32.3	32.3
31.25	11.4	48.4	45.4	16.5	33.4	30.4	30.4
62.5	16.5	43.4	40.4	14.0	27.3	24.3	24.3
100	21.3	39.9	36.9	12.0	23.3	20.3	20.3
200	31.5	34.8	31.8	9.0	17.2	14.2	14.2
250	35.9	33.1	30.1	8.0	15.3	12.3	12.3

Twisted Pair Installation Cable

CAT 5e, U/UTP Twisted Pair Installation Cable, Short Link 70 m



Product Number	EAN	Product Description
ACU-4511-305	317081	CAT 5e U/UTP Installation Cable, length 305 m, carton, AWG 24/1, PVC, color grey (RAL 7035)

Product Information	
Area of Application:	Category 5e, 100 MHz, 100BASE-T
Norms:	ISO/IEC 11801; EN 50173-1; EN 50288-2-1

Physical Properties	
Conductor:	AWG 24/1
Total number of insulated conductors:	8, twisted in 4 pairs
Color code:	Blue-white, orange-white, green-white, brown-white
Individual pair shield:	None
Overall shield:	None
Sheath thickness:	0.50 mm nominal
External outer diameter:	5.0 mm nominal
Material:	PVC
Color:	Grey (RAL 7035)

Mechanical Properties	
Tensile loading:	150 N max.
Dynamic bending radius:	8x AD mm min.
Static bending radius:	4x AD mm min.
Storage temperature:	-20 °C to +60 °C
Operating temperature range:	-10 °C to +75 °C
Installation temperature:	0 °C to +50 °C

Twisted Pair Installation Cable

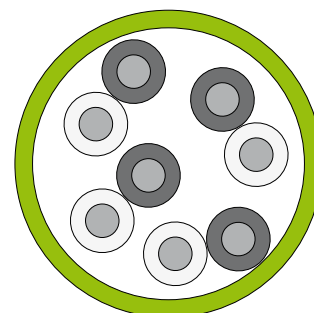
Electrical Properties

Impedance:	100±5 Ohm @ 1-100 MHz
Capacitance:	48 pF/m nominal @ 800 Hz
Capacitance unbalance (pair-ground):	1.5 pF/m nominal
Insulation resistance:	2 GMOhm x km min.
DC loop resistance:	147 Ohm/km max. (2% max. resistance unbalance)
Voltage resistance:	72 Vdc max.
Coupling attenuation:	40 dB
Propagation delay:	535 nS/100 m max.
Delay skew:	20 nS/100 m max.
NVP:	69%

Transmission Properties

FREQ.	ATT	NEXT	PS NEXT	RL	ELFEXT	PS ELFEXT
MHz	dB	dB	dB	dB	dB	dB
1.0	3	60	57	19	58.6	55.6
4.0	3.9	54.8	51.8	19	46.6	43.6
8.0	5.5	50	47	19	40.6	37.5
10.0	6.2	48.5	45.5	19	38.6	35.6
16.6	7.9	45.2	42.2	19	34.5	31.5
20.0	8.9	43.7	40.7	19	32.6	29.6
25.5	10	42.1	39.1	18	30.7	27.7
31.25	11.2	40.5	37.5	17.1	28.7	25.7
62.5	16.2	35.7	32.7	14.1	22.7	19.7
100.0	21	32.3	29.3	12	18.6	15.6

CAT 6, U/UTP Twisted Pair Patch Cable, Bulk Goods



Product Number	Product Description
DK-1611-P-1	CAT 6 U/UTP Twisted Pair Patch Cable Bulk Goods, 250 MHz, PVC, 100 m carton
DK-1611-P-305	CAT 6 U/UTP Twisted Pair Patch Cable Bulk Goods, 250 MHz, PVC, 305 m carton

Product Information	
Area of Application:	Primary (Campus), Secondary (Riser), Tertiary (Horizontally)
	IEEE 802.3: 10Base-T; 100Base-T; 1000Base-T
	IEEE 802.5: 16 MB; ISDN; ATM
Norms:	ANSI/TIA-568-C; ISO/IEC 11801 2nd ed.; EN 50173; EN 50288-5-1

Physical Description	
Basic conductor:	Bare annealed copper AWG 24/7
Insulation:	PE (Polyethylene)
Total number of insulated conductors:	8, twisted in 4 pairs
Color code:	Blue-white, orange-white, green-white, brown-white
Individual pair shielding:	None
Overall shielding:	None
Outer jacket:	PVC
Color:	Grey (RAL 7035)

Twisted Pair Patch Cable, Bulk Goods

Mechanical Properties

Tensile loading:	150 N max.
Dynamic bending radius:	8x AD mm min.
Static bending radius:	4x AD mm min.
Shipping- and storage temperature range:	-20 °C to +75 °C
Operating temperature range:	-20 °C to +60 °C
Installation temperature range:	0 °C to +50 °C
Overall diameter:	6.2 mm nominal

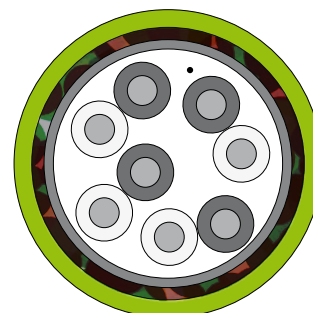
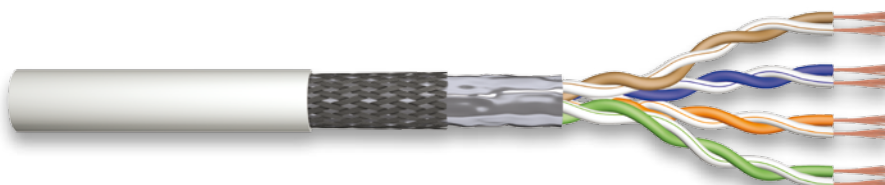
Electrical Properties

Impedance:	100±6 Ohm @ 1-250 MHz
DC loop resistance:	175.2 Ohm/km
Resistance unbalance:	2%
Insulation resistance:	2 GOhm x km min.
Capacity:	48 pF/m nominal @ 800 Hz
Mutual capacitance:	55.8 pF/m max.
Capacitance unbalance (pair-ground):	1.5 pF/m
Characteristic impedance (100 MHz):	(100±15) Ohm
Propagation delay:	450 nS/100 m max.
Delay skew:	20 nS/100 m max.
Test voltage (DC, 1 min) core/core:	1000V
Voltage resistance:	72 Vdc max.
Coupling attenuation:	40 dB

Transmission Properties

FREQ.	ATT	NEXT	PS NEXT	RL	ACR	PS ACR
MHz	dB	dB	dB	dB	dB	dB
1	3	65	62	19	62	59
4	4	63	60	19	59	56
8	5.7	58.2	55.2	19	52.5	49.5
10	6.3	56.6	53.6	19	50.2	47.2
16	8	53.2	50.2	18	45.2	42.2
20	9	51.6	48.6	17.5	42.6	39.6
25	10.1	50	47	17	39.9	36.9
31.25	11.4	48.4	45.4	16.5	37	34
62.5	16.5	43.4	40.3	14	26.9	23.9
100	21.3	39.9	36.9	12	18.8	15.8
200	31.5	34.8	31.8	9	14.5	11.5
250	35.9	33.1	30.1	8	6.5	3.5

CAT 5e, SF/UTP Twisted Pair Patch Cable, Bulk Goods



Product Number	Product Description
DK-1531-P-1	CAT 5e SF/UTP Twisted Pair Patch Cable, Bulk Goods, 100 MHz, PVC, 100 m carton
DK-1531-P-305	CAT 5e SF/UTP Twisted Pair Patch Cable, Bulk Goods, 100 MHz, PVC, 305 m carton

Product Information	
Area of Application:	Primary (Campus), Secondary (Riser), Tertiary (Horizontally)
	IEEE 802.3: 10Base-T; 100Base-T; 1000Base-T
	IEEE 802.5: 16 MB; ISDN; FDDI; ATM
Norms:	ANSI/TIA-568-C; ISO/IEC 11801 2nd Ed.; EN 50173-1; EN 50288-2-1

Physical Properties	
Basic conductor:	Bare annealed copper AWG 26/7
Insulation:	PE (Polyethylene)
Total number of insulated conductors:	8, twisted in 4 pairs
Color code:	Blue-white, orange-white, green-white, brown-white
Individual pair shield:	None
Overall shield:	Foil- and braid shielded
Outer jacket:	PVC
Color:	Grey (RAL 7035)

Mechanical Properties

Tensile loading:	150 N max.
Dynamic bending radius:	8x AD mm min.
Static bending radius:	4x AD mm min.
Shipping- and storage temperature range:	-20 °C to +75 °C
Operating temperature range:	-20 °C to +60 °C
Installation temperature range:	0 °C to +50 °C
Outer jacket diameter:	6.0 mm nominal

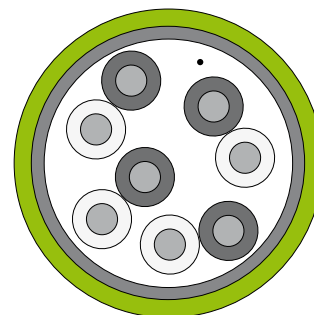
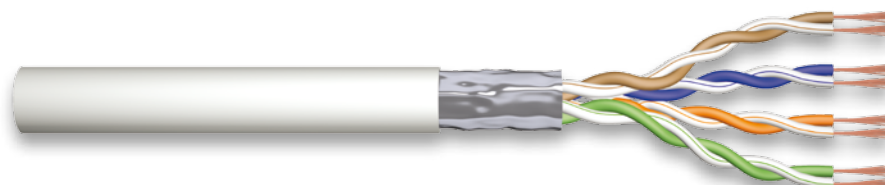
Electrical Properties

Mean impedance:	100±10 Ohm @ 10-100 MHz
Mutual capacitance:	55.8 pF/m max.
Capacitance unbalance (pair-ground):	1.6 pF/m
DC loop resistance:	280 Ohm/km
Resistance unbalance:	2%
Insulation resistance:	2 GOhm x km min.
Capacity:	48 pF/m nominal @ 800 Hz
Characteristic impedance (100 MHz):	(100±15) Ohm
Propagation delay:	450 nS/100 m max.
Delay skew:	20 nS/100 m max.
Test voltage (DC, 1min.) core/core:	1000V
Voltage resistance:	72 Vdc max.
Coupling attenuation:	40 dB

Transmission Properties

FREQ.	ATT	NEXT	PS NEXT	RL	ACR	PS ACR	ACR-F
MHz	dB	dB	dB	dB	dB	dB	dB
1	3	60	57	17	57	54	57.4
4	4.5	53.5	50.5	17	49.1	46.1	45.4
8	6.3	48.6	45.6	17	42.3	39.3	39.3
10	7.1	47	44	17	39.9	36.9	36.9
16	9.1	43.6	40.6	17	34.5	31.5	31.5
20	10.2	42	39	17	31.8	28.8	28.8
25	11.4	40.3	37.3	16	28.9	25.9	25.9
31.25	12.9	38.7	35.7	15.1	25.9	22.9	22.9
62.5	18.6	33.6	30.6	12.1	15	12	12
100	24	30.1	27.1	10	6.1	3.1	3.1

CAT 5e, F/UTP Twisted Pair Patch Cable, Bulk Goods



Product Number	Product Description
DK-1521-P-1	CAT 5e F/UTP Twisted Pair Patch Cable, Bulk Goods, 100 MHz, PVC, 100 m carton
DK-1521-P-305	CAT 5e F/UTP Twisted Pair Patch Cable, Bulk Goods, 100 MHz, PVC, 350 m carton

Product Information	
Area of Application:	Primary (Campus), Secondary (Riser), Tertiary (Horizontally)
	IEEE 802.3: 10Base-T; 100Base-T; 1000Base-T
	IEEE 802.5: 16 MB; ISDN; FDDI; ATM
Norms:	ANSI/TIA-568-C; ISO/IEC 11801 2nd Ed.; EN 50173-1; EN 50288-2-1

Physical Properties	
Basic conductor:	Bare annealed copper AWG 26/7
Insulation:	PE (Polyethylene)
Total number of insulated conductors:	8, twisted in 4 pairs
Color code:	Blue-white, orange-white, green-white, brown-white
Individual pair shield:	None
Overall shield:	Foil- and braid shielded
Outer jacket:	PVC
Color:	Grey (RAL 7035)

Mechanical Properties

Tensile loading:	150 N max.
Dynamic bending radius:	8x AD mm min.
Static bending radius:	4x AD mm min.
Shipping- and storage temperature range:	-20 °C to +75 °C
Operating temperature range:	-20 °C to +60 °C
Installation temperature range:	0 °C to +50 °C
Outer diameter jacket:	6.0 mm nominal

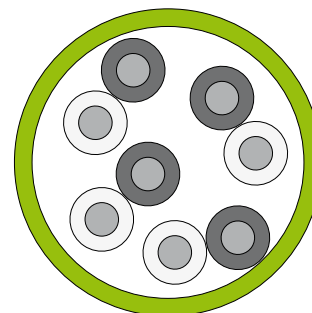
Electrical Properties

Impedance:	100±10 Ohm @ 10-100 MHz
DC loop resistance:	280 Ohm/km
Resistance unbalance	2%
Insulation resistance:	2 GOhm x km min.
Capacity:	48 pF/m nominal @ 800 Hz
Mutual capacitance:	55.8 pF/m max.
Capacitance unbalance (pair-ground):	1.5 pF/m
Characteristic impedance (100 MHz):	(100±15) Ohm
Signal run:	450 nS/100 m max.
Run difference:	20 nS/100 m max.
Test voltage (DC, 1 min.) core/core:	1000V
Voltage resistance:	72 Vdc max.
Coupling attenuation:	40 dB

Transmission Properties

FREQ.	ATT	NEXT	PS NEXT	RL	ACR	PS ACR-N	ACR-F
MHz	dB	dB	dB	dB	dB	dB	dB
1	3	60	57	17	57	54	57.4
4	4.5	53.5	50.5	17	49.1	46.1	45.4
8	6.3	48.6	45.6	17	42.3	39.3	39.3
10	7.1	47	44	17	39.9	36.9	36.9
16	9.1	43.6	40.6	17	34.5	31.5	31.5
20	10.2	42	39	17	31.8	28.8	28.8
25	11.4	40.3	37.3	16	28.9	25.9	25.9
31.25	12.9	38.7	35.7	15.1	25.9	22.9	22.9
62.5	18.6	33.6	30.6	12.1	15	12	12
100	24	30.1	27.1	10	6.1	3.1	3.1

CAT 5e, U/UTP Twisted-Pair Patch Cable, Bulk Goods



Product Number	Product Description
DK-1511-P-1	CAT 5e U/UTP Twisted Pair Patch Cable, Bulk Goods, 100 MHz, PVC, 100 m carton
DK-1511-P-305	CAT 5e U/UTP Twisted Pair Patch Cable, Bulk Goods, 100 MHz, PVC, 305 m carton

Product Information	
Area of Application:	Primary (Campus), Secondary (Riser), Tertiary (Horizontally)
	IEEE 802.3: 10Base-T; 100Base-T; 1000Base-T
	IEEE 802.5: 16 MB; ISDN; FDDI; ATM
Norms:	ANSI/TIA-568-C; ISO/IEC 11801 2nd Ed.; EN 50173-1; EN 50288-2-1

Physical Properties	
Basic conductor:	Bare annealed copper AWG 26/7
Insulation:	PE (Polyethylene)
Total number of insulated conductors:	8, twisted in 4 pairs
Color code:	Blue-white, orange-white, green-white, brown-white
Individual pair shield:	None
Overall shield:	None
Outer jacket:	PVC
Color:	Grey (RAL 7035)

Twisted Pair Patch Cable, Bulk Goods

Mechanical Properties

Tensile loading:	150 N max.
Dynamic bending radius:	8x AD mm min.
Static bending radius:	4x AD mm min.
Shipping- and storage temperature range:	-20 °C to +75 °C
Operating temperature range:	-20 °C to +60 °C
Installation temperature range:	0 °C to +50 °C
Outer jacket diameter:	5.5 mm nominal

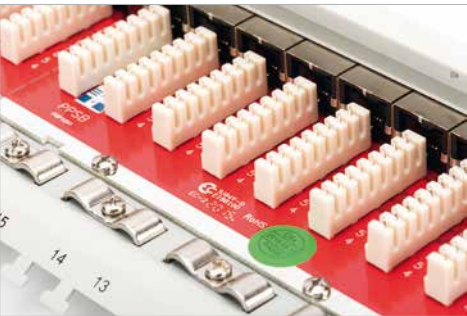
Electrical Properties

Impedance:	100±10 Ohm @ 10-100 MHz
DC loop resistance:	175.2 Ohm/km
Resistance unbalance:	2%
Insulation resistance:	2 GOhm x km min.
Capacity:	48 pF/km nominal @ 800 Hz
Mutual capacitance:	55.8 pF/km max.
Characteristic impedance (100 MHz):	(100±15) Ohm
Capacitance unbalance (pair-ground):	1.5 pF/m
Signal run:	450 nS/100 m max.
Run difference:	20 nS/100 m max.
Test voltage (DC, 1 min.) core/core:	1000V
Voltage resistance:	72 Vdc max.
Coupling attenuation:	40 dB

Transmission Properties

FREQ.	ATT	NEXT	PS NEXT	RL	ACR	PS ACR	ACR-F
MHz	dB	dB	dB	dB	dB	dB	dB
1	3	60	57	17	57	54	57.4
4	4.5	53.5	50.5	17	49.1	46.1	45.4
8	6.3	48.6	45.6	17	42.3	39.3	39.3
10	7.1	47	44	17	39.9	36.9	36.9
16	9.1	43.6	40.6	17	34.5	31.5	31.5
20	10.2	42	39	17	31.8	28.8	28.8
25	11.4	40.3	37.3	16	28.9	25.9	25.9
31.25	12.9	38.7	35.7	15.1	25.9	22.9	22.9
62.5	18.6	33.6	30.6	12.1	15	12	12
100	24	30.1	27.1	10	6.1	3.1	3.1

19" Patch Panel (LSA+) CAT 6_A, shielded



Product Number	EAN	Ports	Color	Height	Shielding	Package Content
DN-91624S-EA	288428	24	Grey (RAL 7035)	1U	yes	Patch Panel, Cable Tie

Product Information	
Transmission Properties:	Category 6 _A , Class E _A
Area of Application:	Up to 500 MHz, 10GBase-T
Norms:	ISO/IEC 11801 2nd Ed.; EN 50173-1; EIA/TIA 568-C
	802.3af; 802.3at PoE+

General Properties
Suitable for 483 mm (19") cabinet mounting
RJ45 Female, 8P8C
Cable installation via LSA+-strips, color coded according to EIA/TIA 568 A & B
Cable fixing with cable tie
Central ground connection
360°-shield contact
Integrated dust cover
Plastic label field

Technical Properties

Housing material:	1.5 mm galvanic cold rolled steel, acc. to EN1.4301, UNS S30400, AISI 304 and LMSAD110
RJ45 female material:	Housing: ABS UL 94V-0
	Contact clamp: ABS UL 94V-0
RJ45 female contact:	Tinned phosphor bronze
	0.5 µ gold-plated contact
RJ45 shielding:	Tinned bronze
LSA termination clamp:	Krone LSA+
	UL 94V-2
	Tinned phosphor bronze
Ground wire:	Not included
Conductor plate:	FR4, UL 94V-0



Physical Properties

Insertion force:	30N max. (IEC 60603-7-5)
Retention strength:	7.7 kg between jack and plug
Operation temperature:	-20 °C to +70 °C (ISO/IEC 11801, EN 50173-1, ANSI/TIA/EIA 568 C)
Mating cycles female:	> 750 acc. to ISO/IEC 11801, IEC 60603-7-5
Clamp:	> 200 acc. to ISO/IEC 11801, IEC 60603-7-5
IDC wire size:	22 – 26 AWG solid and stranded conductor
Insulation resistance:	> 500 MOhm
Contact resistance:	< 20 MilliOhm
Dielectric strength:	1000 VDC (Contact/Contact)
	1500 VDC (Contact/Ground)

Cross Reference

Data Cable	DK-1743-A-VH // DK-1741-A-VH // DK-1743-VH // DK-1741-VH // DK-1623-A-VH
Patch Cable	DK-1644-A // DK-1643-A
Tool	DN-LSA-PT // A-LSA-K



19" Patch Panel (LSA+) CAT 6 // Cat 5e, shielded



DN-91624S



DN-91616S

Product Number	EAN	Ports	Color	Height	Shielding	Package content
DN-91624S	241614	24	Grey (RAL 7035)	1U	yes	Patch Field, Cable Ties
DN-91616S	241607	16	Grey (RAL 7035)	1U	yes	Patch Field, Cable Ties

Product Information

Transmission Properties:	Category 6
Area of Application:	Up to 250 MHz, 1GBase-T
Norms:	ISO/IEC 11801 2nd Ed., EN 50173-1, EIA/TIA 568-C

Product Number	EAN	Ports	Color	Height	Shielding	Package Content
DN-91524S	241522	24	Grey (RAL 7035)	1U	yes	Patch Field, Cable Ties
DN-91516S	241515	16	Grey (RAL 7035)	1U	yes	Patch Field, Cable Ties

Product Information

Transmission Properties:	Category 5e
Area of Application:	Up to 100 MHz, 10/100Base-T, 1GBase-T
Norms:	ISO/IEC 11801 2nd Ed., EN 50173-1, EIA/TIA 568-C

General Properties

Suitable for 483 mm (19") cabinet mounting
RJ45 jack, 8P8C
Cable installation LSA+-strips, color coded according to EIA/TIA 568 A & B
Cable fixing with cable ties
Central ground connection
360° - shield contact

Technical Properties

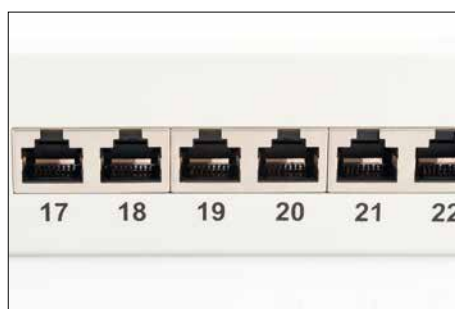
Housing material:	1.5 mm galvanic cold rolled steel, acc. to EN1.4301, UNS S30400, AISI 304 and LMSAD110
RJ45 female material:	Housing: ABS UL 94V-0
	Contact clamp: ABS UL 94V-0
RJ45 female contact:	Nickel-plated phosphor bronze
	0.5 µ gold-plated contact
RJ45 shielding:	Tinned bronze
LSA termination clamp:	Krone LSA+
	UL 94V-2
	Tinned phosphor bronze
Ground wire:	Not included
Conductor plate:	FR4, UL 94V-0

Physical Properties

Insertion force:	30N max. (IEC 60603-7-5)
Retention strength:	7.7 kg between jack and plug
Operation temperature:	-20 °C to +70 °C (ISO/IEC 11801, EN 50173-1, ANSI/TIA/EIA 568 C)
Mating cycles female:	> 750 acc. to ISO/IEC 11801, IEC 60603-7-5
Clamp:	> 200 acc. to ISO/IEC 11801, IEC 60603-7-5
IDC wire size:	22 – 26 AWG solid and stranded conductor
Insulation resistance:	> 500 MOhm
Contact resistance:	< 20 MilliOhm
Dielectric strength:	1000 VDC (Contact/Contact)
	1500 VDC (Contact/Ground)

Cross Reference

Data Cable	DK-1623-VH // DK-1531-V // DK-1521-V
Patch Cable	DK-1644 // DK-1531 // DK-1521
Tools	DN-LSA-PT // A-LSA-K


DN-91624S

19" Distribution Field (LSA+) , CAT 6 // CAT 5e, unshielded



DN-91624U



DN-91616U

Product Number	EAN	Ports	Color	Height	Shielding	Package Content
DN-91648U	241560	48	Black (RAL 9005)	2U	no	Patch Panel, Cable Tie
DN-91624U	241553	24	Black (RAL 9005)	1U	no	Patch Panel, Cable Tie
DN-91616U	241546	16	Black (RAL 9005)	1U	no	Patch Panel, Cable Tie

Product Information

Transmission Properties:	Category 6
Area of Application:	Up to 250 MHz; 1GBase-T; PoE
Norms:	ISO/IEC 11801 2nd Ed.; EN 50173-1; EIA/TIA 568-C

Product Number	EAN	Ports	Color	Height	Shielding	Package Content
DN-91548U	241478	24	Black (RAL 9005)	2U	no	Patch Panel, Cable Tie
DN-91524U	241461	16	Black (RAL 9005)	1U	no	Patch Panel, Cable Tie

Product Information

Transmission Properties:	Category 5e
Area of Application:	Up to 100 MHz; 10/100Base-T; 1GBase-T
Norms:	ISO/IEC 11801 2nd Ed.; EN 50173-1; EIA/TIA 568-C

General Properties

Suitable for 483 mm (19") cabinet mounting
RJ45 jack, 8P8C
Cable installation via LSA+-Strips, color coded according to EIA/TIA 568 A & B
Cable fixing with cable tie

Technical Properties

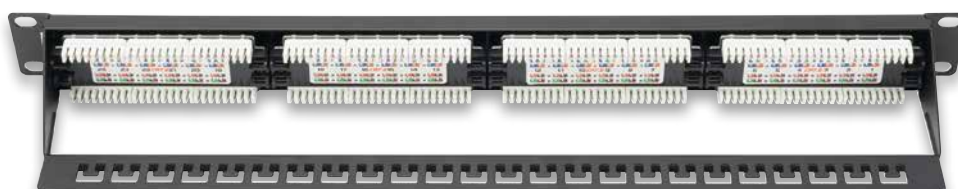
Housing material	1.5 mm galvanic cold rolled steel, acc. to EN1.4301, UNS S30400, AISI 304 and LMSAD110
RJ45 female material:	Housing: ABS UL 94V-0
	Contact clamp: ABS UL 94V-0
RJ45 female contact:	Nickel-plated phosphor bronze
	0.5 µ gold-plated contact
RJ45 shielding:	Nickel-plated bronze
LSA termination clamp:	Krone LSA+
	UL 94V-2
	Tinned phosphor bronze
Ground wire:	Not included
Conductor plate:	FR4, UL 94V-0

Physical Properties

Insertion force:	30N max. (IEC 60603-7-5)
Retention strength:	7.7 kg between jack and plug
Operation temperature:	-20 °C to +70 °C (ISO/IEC 11801, EN 50173-1, ANSI/TIA/EIA 568 C)
Mating cycles female:	> 750 acc. to ISO/IEC 11801, IEC 60603-7-5
Clamp:	> 200 acc. to ISO/IEC 11801, IEC 60603-7-5
IDC wire size:	22 – 26 AWG solid and stranded conductor
Insulation resistance:	> 500 MOhm
Contact resistance:	< 20 MilliOhm
Dielectric strength:	1000 VDC (Contact/Contact)
	1500 VDC (Contact/Ground)

Cross Reference

Data Cable	DK-1613-VH // DK-1511-V
Patch Cable	DK-1614 // DK-1511 // DK-1512
Tools	DN-LSA-PT // A-LSA-K

**DN-91624U****DN-91648U**

19" Patch Panel (LSA+) High Density, CAT 6_A // CAT 6



DN-91624S-SL-EA



DN-91624S-SL-SH



DN-91624S-SL-SH



DN-91624S-SL-SH



DN-91624S-SL-EA

Product Number	EAN	Ports	Color	Height	Shielding	Package Content
DN-91624S-SL-EA	241614	24	Black (RAL 9005)	0.5U	yes	Patch Panel, Cable Tie

Product Information

Transmission Properties:	Category 6 _A
Area of Application:	Up to 500 MHz, 10GBase-T
Norms:	ISO/IEC 11801 2nd Ed., EN 50173-1, EIA/TIA 568-C, 802.3af, 802.3at PoE+

Product Number	EAN	Ports	Color	Height	Shielding	Package Content
DN-91624S-SL-SH	323297	24	Black (RAL 9005)	0.5U	yes	Patch Panel, Cable Tie
DN-91624U-SL-SH	323280	24	Black (RAL 9005)	0.5U	no	Patch Panel, Cable Tie

Product Information

Transmission Properties:	Category 6
Area of Application:	Up to 250 MHz, 1GBase-T
Norms:	ISO/IEC 11801 2nd Ed., EN 50173-1, EIA/TIA 568-C

General Properties

Suitable for 483 mm (19") Cabinet mounting
RJ45 jack, 8P8C
Cable installation via LSA+-strips, color coded according to EIA/TIA 568 A & B
Cable fixing with cable tie
Central ground connection, only shielded version
360°-shield contact, only shielded version
Integrated dust caps

Technical Properties

Housing material:	1.5 mm galvanic cold rolled steel, acc. to EN1.4301, UNS S30400, AISI 304 and LMSAD110
RJ45 female material:	Housing: ABS UL 94V-0
	Contact clamp: ABS UL 94V-0
RJ45 female contact:	Tinned phosphor bronze
	0.5 µ gold-plated contact
RJ45 shielding:	Tinned bronze
LSA termination clamp:	Krone LSA+
	UL 94V-2
	Tinned phosphor bronze
Ground wire:	Not included
Conductor plate:	FR4, UL 94V-0

Physical Properties

Insertion force:	30N max. (IEC 60603-7-5)
Retention strength:	7.7 kg between jack and plug
Operation temperature:	-20 °C to +70 °C (ISO/IEC 11801, EN 50173-1, ANSI/TIA/EIA 568 C)
Mating cycles female:	> 750 acc. to ISO/IEC 11801, IEC 60603-7-5
Clamp:	> 200 acc. to ISO/IEC 11801, IEC 60603-7-5
IDC wire size:	22 – 26 AWG solid and stranded conductor
Insulation resistance:	> 500 MOhm
Contact resistance:	< 20 MilliOhm
Dielectric strength:	1000 VDC (Contact/Contact)
	1500 VDC (Contact/Ground)

Cross Reference

Data Cable	DK-1743-A-VH // DK-1743-VH // DK-1741-VH // DK-1623-A-VH // DK-1623-VH // DK-1613-VH
Patch Cable	DK-1644-A // DK-1643-A // DK-1644 // DK-1614
Tools	DN-LSA-PT // A-LSA-K

**DN-91624S-SL-EA****DN-91624U-SL-SH**

10" Patch Panel (LSA+), CAT 6 // CAT 5e



DN-91612S



DN-91512S

Product Number	EAN	Ports	Color	Height	Shielding	Package Content
DN-91612S	241591	12	Black (RAL 9005)	1U	yes	Patch Field, Cable Ties
DN-91608S	241577	8	Black (RAL 9005)	1U	yes	Patch Field, Cable Ties

Product Information

Transmission Properties:	Category 6
Area of Application:	Up to 250 MHz, 1GBase-T
Norms:	ISO/IEC 11801 2nd Ed., EN 50173-1, EIA/TIA 568-C

Product Number	EAN	Ports	Color	Height	Shielding	Package Content
DN-91512S	241508	12	Black (RAL 9005)	1U	yes	Patch Field, Cable Ties
DN-91508S	241485	8	Black (RAL 9005)	1U	yes	Patch Field, Cable Ties

Product Information

Transmission Properties:	Category 5e
Area of Application:	Up to 100 MHz, 10/100Base-T, 1GBase-T
Norms:	ISO/IEC 11801 2nd Ed., EN 50173-1, EIA/TIA 568-C

Product Number	EAN	Ports	Color	Height	Shielding	Package Content
DN-91512U	241447	12	Black (RAL 9005)	1U	no	Patch Field, Cable Ties
DN-91508U	241430	8	Black (RAL 9005)	1U	no	Patch Field, Cable Ties

Product Information

Transmission Properties:	Category 5e
Area of Application:	Up to 100 MHz, 10/100Base-T, 1GBase-T
Norms:	ISO/IEC 11801 2nd Ed., EN 50173-1, EIA/TIA 568-C

General Properties

Suitable for 254 mm (10") cabinet mounting
RJ45 jack, 8P8C
Cable installation via LSA+-strips, color coded according to EIA/TIA 568 A & B
Cable fixing with cable ties
Central ground connection, only shielded version
360°-shield contact, only shielded version

Technical Properties

Housing material:	1.5 mm galvanic cold rolled steel, acc. to EN1.4301, UNS S30400, AISI 304 and LMSAD110
RJ45 jack material:	Housing: ABS UL 94V-0
	Contact brackets: ABS UL 94V-0
RJ45 jack contact:	Phosphor bronze with nickel-plated
	0.5 µ gold-plated contacts
RJ45 shielding:	Tinned bronze
LSA termination clamp:	Krone LSA+
	ABS UL 94V-0
	Phosphor bronze with tin-plated
Ground wire:	Not included
Conductor plate:	FR4, UL 94V-0

Physical Properties

Insertion force:	30N max. (IEC 60603-7-5)
Retention strength:	7.7 kg between jack and plug
Operation temperature:	-20 °C to +70 °C (ISO/IEC 11801, EN 50173-1, ANSI/TIA/EIA 568 C)
Mating cycles female:	> 750 acc. to ISO/IEC 11801, IEC 60603-7-5
Clamp:	> 200 acc. to ISO/IEC 11801, IEC 60603-7-5
IDC wire size:	22 – 26 AWG solid and stranded conductor
Insulation resistance:	> 500 MOhm
Contact resistance:	< 20 MilliOhm
Dielectric strength:	1000 VDC (Contact/Contact)
	1500 VDC (Contact/Ground)

Cross Reference

Data Cable	DK-1623-VH // DK-1531-V // DK-1521-V // DK-1511-V
Patch Cable	DK-1644 // DK-1531 // DK-1521 // DK-1511 // DK-1532 // DK-1522 // DK-1512
Tools	DN-LSA-PT // A-LSA-K



DN-91608S



DN-91508S

Desktop Patch Panel (LSA+) CAT 6_A // CAT 6 // CAT 5e, shielded



DN-91612SD-EA



DN-91608SD

Product Number	EAN	Ports	Color	Height	Shielding	Package Content
DN-91612SD-EA	315063	12	Black (RAL 9005)	1U	yes	Patch Field, Cable Ties

Product Information

Transmission Properties:	Category 6 _A
Area of Application:	500 MHz, 10GBase-T
Norms:	ISO/IEC 11801 2nd Ed., EN 50173-1, EIA/TIA 568-C, 802.3af, 802.3at PoE+

Product Number	EAN	Ports	Color	Height	Shielding	Package Content
DN-91608SD	241508	8	Black (RAL 9005)	1U	yes	Patch Field, Cable Ties

Product Information

Transmission Properties:	Category 6
Area of Application:	Up to 250 MHz, 1GBase-T
Norms:	ISO/IEC 11801 2nd Ed., EN 50173-1, EIA/TIA 568-C

Product Number	EAN	Ports	Color	Height	Shielding	Package Content
DN-10001	108931	8	Black (RAL 9005)	1U	yes	Patch Field, Cable Ties

Product Information

Transmission Properties:	Category 5e
Area of Application:	Up to 100 MHz, 10/100Base-T, 1GBase-T
Norms:	ISO/IEC 11801 2nd Ed., EN 50173-1, EIA/TIA 568-C

General Properties

Suitable for surface mount installation
RJ45 jack, 8P8C
Cable installation via LSA+-strips, color coded according to EIA/TIA 568 A & B
Cable fixing with cable ties
Central ground connection
360°-shield contact

Technical Properties

Housing material:	1.5 mm galvanic cold rolled steel, acc. to EN1.4301, UNS S30400, AISI 304 and LMSAD110
RJ45 female material:	Housing: UL 94V-0
	contact clamp: ABS UL 94V-0
RJ45 female contact:	Nickel-plated phosphor bronze
	0.5 µ gold-plated contact
RJ45 shielding:	Tinned bronze
LSA termination clamps:	Krone LSA+
	UL 94V-2
	tinned phosphor bronze
Ground wire:	not included
Conductor plate:	FR4, UL 94V-0

Physical Properties

Insertion force:	30N max. (IEC 60603-7-5)
Retention strength:	7.7 kg between jack and plug
Operation temperature:	-20 °C to +70 °C (ISO/IEC 11801, EN 50173-1, ANSI/TIA/EIA 568 C)
Mating cycles female:	> 750 acc. to ISO/IEC 11801, IEC 60603-7-5
Clamp:	> 200 acc. to ISO/IEC 11801, IEC 60603-7-5
IDC wire size:	22 – 26 AWG solid and stranded conductor
Insulation resistance:	> 500 MOhm
Contact resistance:	< 20 MilliOhm
Dielectric strength:	1000 VDC (Contact/Contact)
	1500 VDC (Contact/Ground)

Cross Reference

Data Cable	DK-1743-VH // DK-1741-VH // DK-1623-A-VH // DK-1623-VH // DK-1531-V // DK-1521-V
Patch Cable	DK-1644-A // DK-1643-A // DK-1644 // DK-1531 // DK-1521 // DK-1532 // DK-1522
Tools	DN-LSA-PT // A-LSA-K



DN-91612SD-EA



DN-91608SD

19" Patch Panel (LSA+) CAT 3, ISDN, unshielded



DN-91325-1

Product Number	EAN	Ports	Color	Height	Shielding	Package Content
DN-91350-1	269021	50	Grey (RAL 7035)	1U	no	Patch Field, Cable Ties
DN-91325-1	269007	25	Grey (RAL 7035)	1U	no	Patch Field, Cable Ties

Product Information	
Transmission Properties:	Category 3
Area of Application:	Up to 16 MHz, 10Base-T
Norms:	ISO/IEC 11801 2nd Ed., EN 50173-1, EIA/TIA 568-C

General Properties
Suitable for 483 mm (19") rack mount
RJ45 jack, 8P4C
Cable installation via LSA+-strips, color coded according to EIA/TIA 568 A & B
Cable fixing via cable ties
Central ground connection



Technical Properties

Housing material:	1.5 mm galvanic cold rolled steel, acc. to EN1.4301, UNS S30400, AISI 304 and LMSAD110
RJ45 jack material:	Housing: ABS UL 94V-0
	contact brackets: ABS UL 94V-0
RJ45 jack contact:	Phosphor bronze with nickel-plated
	0.6 µ gold-plated contacts
LSA termination clamp:	Krone LSA+
	ABS UL 94V-0
	phosphor bronze with tin-plated
Ground wire:	18 AWG, 40 cm
Conductor plate:	FR4, UL 94V-0

Physical Properties

Insertion force:	30N max. (IEC 60603-7-5)
Retention strength:	7.7 kg between jack and plug
Operation temperature:	-20 °C to +70 °C (ISO/IEC 11801, EN 50173-1, ANSI/TIA/EIA 568 C)
Mating cycles female:	> 750 acc. to ISO/IEC 11801, IEC 60603-7-5
Clamp:	> 200 acc. to ISO/IEC 11801, IEC 60603-7-5
IDC wire size:	22 – 26 AWG solid and stranded conductor
Carrying capacity:	1A at 50 °C
Insulation resistance:	> 500 MegaOhm
Contact resistance:	> 2.5 MegaOhm
Dielectric strength:	1000 VDC (Contact/Contact)
	1000 VDC (Contact/Ground)

Cross Reference

Patch Cable	DK-1512 // DK-1511
Tools	DN-LSA-PT // A-LSA-K



DN-91325-1



DN-91350-1

Network Wall Outlet (LSA+), design compatible



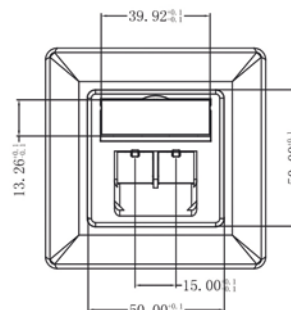
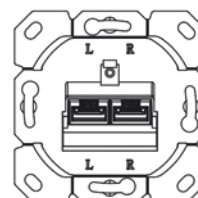
Network Wall Outlet (LSA+) CAT 6_A // CAT 6 // CAT 5e, shielded



Flush mount



Surface mount



Product Number	EAN	Inlet	Color	Type	Package Content
DN-9007-1	320197	vertical	pure white (RAL 9003)	Flush mount	Wall Outlet, Manual
DN-9007-S-1	320203	vertical	pure white (RAL 9003)	Surface mount	Wall Outlet, Manual
DN-9008-1	320227	horizontal	pure white (RAL 9003)	Flush mount	Wall Outlet, Manual

Product Information

Layout Keystone Entry:	Category 6 _A
Area of Application:	Up to 500 MHz, 10GBase-T
Norms:	ISO/IEC 11801 2nd Ed., EN 50173-1, EIA/TIA 568-C, 802.3af, 802.3at PoE+

Product Number	EAN	Inlet	Color	Type	Package Content
DN-9005-N	175711	horizontal	pure white (RAL 9003)	Flush mount	Wall Outlet, Manual
DN-9005/B5-N	175759	horizontal	pure white (RAL 9003)	Flush mount	5x Wall Outlet, Manual
DN-9006-N	175735	horizontal	pure white (RAL 9003)	Surface mount	Wall Outlet, Manual
DN-9006/B5-N	175742	horizontal	pure white (RAL 9003)	Surface mount	5x Wall Outlet, Manual

Product Information

Layout Keystone Entry:	Category 6
Area of Application:	Up to 250 MHz, 1GBase-T
Norms:	ISO/IEC 11801 2nd Ed., EN 50173-1, EIA/TIA 568-C

Product Number	EAN	Inlet	Color	Type	Package Content
DN-9001-N	175650	horizontal	pure white (RAL 9003)	Flush mount	Wall Outlet, Manual
DN-9002-N	175681	horizontal	pure white (RAL 9003)	Surface mount	Wall Outlet, Manual
DN-9002/B5-N	175698	horizontal	pure white (RAL 9003)	Surface mount	5x Wall Outlet, Manual

Product Information

Layout Keystone Entry:	Category 5e
Area of Application:	Up to 100 MHz, 10/100Base-T, 1GBASE-T
Norms:	ISO/IEC 11801 2nd Ed., EN 50173-1, EIA/TIA 568-C

Network Wall Outlet (LSA+), design compatible

General Properties

Suitable for installation in trunking, surface and flush mount
RJ45 jack, 8P8C
Cable installation via LSA+-strips, color coded according to EIA/TIA 568 A & B
Integrated strain relief for installation cables
Complete shielding of RJ45 sockets and LSA strips due to zinc die-cast housing
Strain relief 40°-angled jack for patch cords
Central plate: 50x50 mm
Frame: 80x80 mm
Central plate with integrated dust covers
Design compatible to common switch ranges

Technical Properties

Housing material:	Die-cast metal
RJ45 jack material:	Housing: ABS UL 94V-0
	contact clamp: ABS UL 94V-0
RJ45 jack contact:	Phosphor bronze with nickel-plated
	0.5 µ gold-plated contacts
RJ45 shielding:	Bronze with nickel-plated
LSA termination clamp:	Krone LSA+
	UL 94V-2
	tin-plated phosphor bronze
Conductor plate:	FR4, UL 94V-0

Physical Properties

Insertion force:	30N max. (IEC 60603-7-5)
Retention strength:	7.7 kg between jack and plug
Operation temperature:	-20 °C to +70 °C (ISO/IEC 11801, EN 50173-1, ANSI/TIA/EIA 568 C)
Mating cycles female:	> 750 acc. to ISO/IEC 11801, IEC 60603-7-5
Clamp:	> 200 acc. to ISO/IEC 11801, IEC 60603-7-5
IDC wire size:	22 – 26 AWG solid and stranded conductor
Insulation resistance:	> 500 MOhm
Contact resistance:	< 20 MilliOhm
Dielectric strength:	1000 VDC (Contact/Contact)
	1500 VDC (Contact/Ground)

Cross Reference

Data Cable	DK-1743-VH // DK-1741-VH // DK-1623-A-VH // DK-1623-VH // DK-1531-V // DK-1521-V
Patch Cable	DK-1644-A // DK-1643-A // DK-1644 // DK-1531 // DK-1521 // DK-1532 // DK-1522
Tools	DN-LSA-PT // A-LSA-K

Gain a maximum degree of flexibility for your Network Infrastructure with the Class E_A 6-Connector-Channel-Link!

Today, flexible network connections are an absolute must at every company, office, facility, production site, and business. Flexibility, security and high performance of the components that can be used are indispensable for creating future-oriented, future-proof data networks. The 6-Connector-Channel-Link offers you incredibly flexible options for setting up or expanding a data network within a building.

The DIGITUS® Professional brand of network infrastructure products from ASSMANN have now been certified according to ISO/IEC 11801 Edition 2.2, using the class E_A 6-Connector-Channel-Link test method.

These products include:

- CAT 7 S/FTP Horizontal Installation Cables
- CAT 6_A S/FTP Distribution Fields
- CAT 6_A S/FTP Consolidation-Point Cables
- CAT 6_A S/FTP Patch Cables
- CAT 6_A S/FTP Keystone Modules

DIGITUS® Professional is currently the only brand on the market with certified Class E_A 6-Connector-Channel-Links.

What does the 6-Connector-Channel-Link have to offer?

The 6-Connector-Channel-Link offers you a high degree of flexibility in the data network through the use of Consolidation-Point cables. In comparison to solid conductors (installation cables), Consolidation-Point cables are easier to work with due to their smaller wire cross section that makes the cables more flexible. In addition to this, floor distributors (wall housings) can be dispensed with since it is possible to set up a direct channel link from the server right through to the terminal device.

All shielded Class E_A DIGITUS® copper components can be mixed and matched to suit your needs. On the one hand, that demonstrates the quality of our products. On the other, it guarantees substantial margins (power reserves) for the measurement parameters.

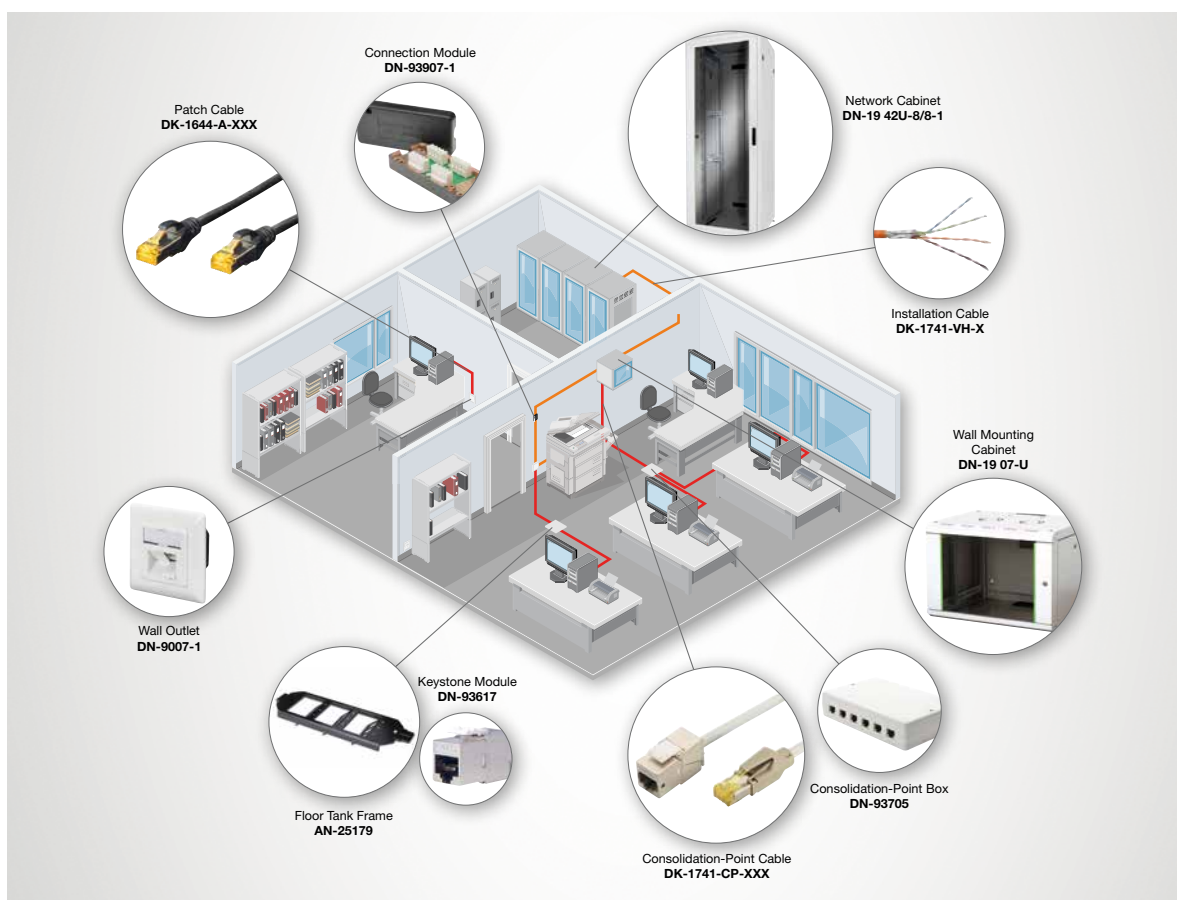
Furthermore, Consolidation-Point wiring has the big advantage that the flexible cables only have to pass the minor fire prevention test (FRNC-B; IEC 60332-1; test on cables, insulated wires in the event of fire. Test of vertical flame proliferation on a conductor, an insulated wire, or a cable). This is important because tenders for public buildings, in particular, stipulate the major fire prevention test (FRNC-C; IEC 60332-3).

Where can I use it?

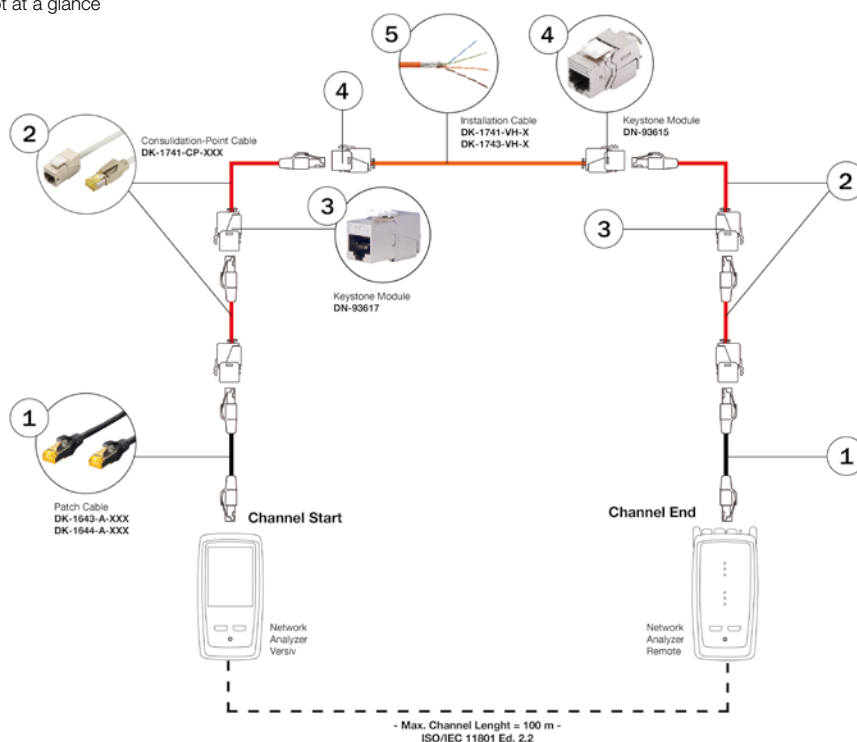
Office buildings with connection to production facilities are a main field of application. In this case, use of Consolidation-Point cables enables flexible connection of individual departments, such as the server room, office and production. Open-plan offices with flexible workstations also call for a network infrastructure that is able to adapt to new requirements in no time at all.

The 'clean desk' trend is now a priority for current construction projects in Germany. The spaciouly designed floors enable flexible wiring with Consolidation-Point cables in appropriate housings or floor tanks. This gives the owner of the building the required flexibility to make changes to the Consolidation-Points in the raised floor if changes are made to the office layout.

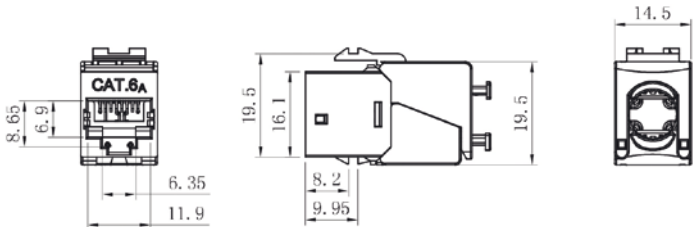
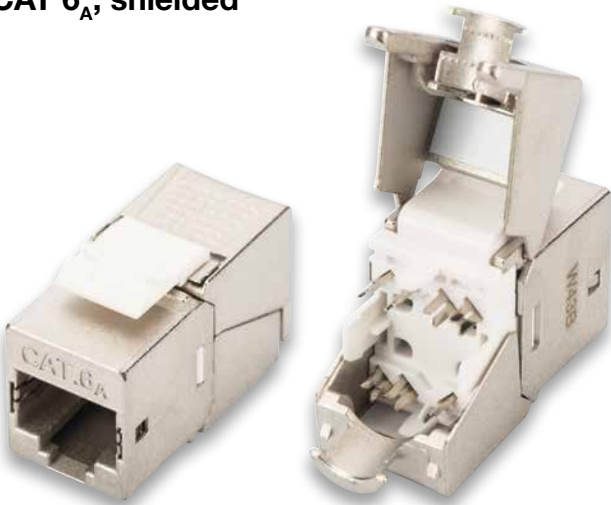
Financial institutes with various levels of security and authorization represent another field of application. The installation cables are routed from the server room to the different areas. Installation in the floor tanks enables the Consolidation-Point cables to be routed through to the terminal device.



The wiring concept at a glance



Keystone Module, design compatible,
CAT 6_A, shielded



Product Number	EAN	Ports	Tool-free Installation	Shielding	Package Content
DN-93617	353539	1	yes	yes	Keystone Module, Cable Tie, Manual
DN-93617-24	365860	1	yes	yes	Keystone Module, Cable Tie, Manual

Product Information	
Transmission Properties:	Category 6 _A
Area of Application:	Up to 500 MHz, 10GBase-T
Norms:	ISO/IEC 11801 2nd Ed., EN 50173-1, EIA/TIA 568-C, 802.3af, 802.3at PoE+

General Properties	
Suitable for patch panels and mounting outlets	
RJ45 Female, 8P8C	
Cable installation via LSA+-strips, color coded according to EIA/TIA 568 A & B	
Cable fixing with cable tie	
Tool-free installation	
360°-shield contact	
Dust cover included	
Design compatible to current switch programs	

Technical Properties	
Housing material:	Zinc die-cast, nickel-plated
RJ45 jack material:	Housing: ABS UL 94V-0
	Contact clamp: ABS UL 94V-0
RJ45 jack contact:	Phosphor bronze
	0.5 µ gold-plated contact
RJ45 shielding:	Tinned bronze

LSA termination clamp:	Krone LSA+
	UL 94V-2
	Tinned phosphor bronze
Conductor plate:	FR4, UL 94V-0

Insertion force:	30N max. (IEC 60603-7-5)
Retention strength:	7.7 kg between jack and plug
Operation temperature:	-20 °C to +70 °C (ISO/IEC 11801, EN 50173-1, ANSI/TIA/EIA 568 C)
Mating cycles female:	> 750 acc. to ISO/IEC 11801, IEC 60603-7-5
Clamp:	> 200 acc. to ISO/IEC 11801, IEC 60603-7-5
IDC wire size:	22 – 26 AWG solid and stranded conductor
Insulation resistance:	> 500 MOhm
Contact resistance:	< 20 MilliOhm
Dielectric strength:	1000 VDC (Contact/Contact)
	1500 VDC (Contact/Ground)

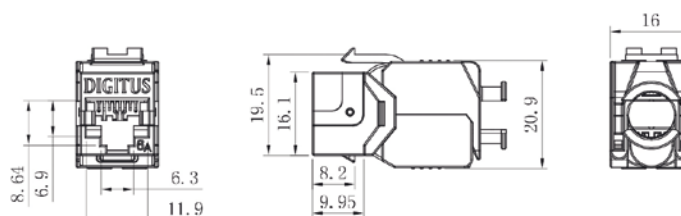
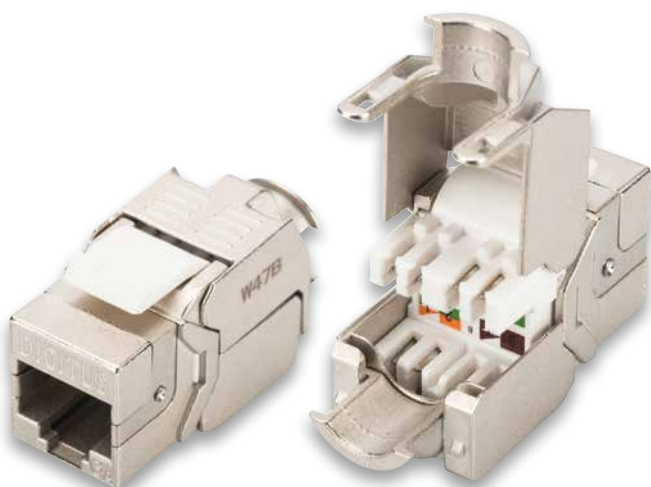


Data Cable	DK-1743-A-VH // DK-1743-VH // DK-1741-VH // DK-1623-A-VH
Patch Cable	DK-1644-A // DK-1643-A
Patch Panel	DN-91410 // DN-91411 // DN-91422 // DN-91424 // DN-91412S-ANP // DN-91412
Wall Outlet	DN-93801-1 // DN-93802 // DN-93805 // DN-93844-OD // DN-93845-OD // DN-93831
Consolidation Point Enclosures	DN-93907 // AT-AG 302A-WH
Floor Tank	AN-25178 // AN-25179
DIN-Rail Adapter	AN-25184 // AN-25185 // AN-25186 // AN-25187
Tool	DN-94017



169

Keystone Module CAT 6_A, shielded



Product Number	EAN	Ports	Tool-free Installation	Shielding	Package Content
DN-93615	293767	1	yes	yes	Keystone Module, Cable Tie, Manual
DN-93615-24	373087	1	yes	yes	24x Keystone Module, Cable Tie, Manual

Product Information

Transmission Properties:	Category 6 _A , Class E _A
Area of Application:	Up to 500 MHz, 10GBase-T
Norms:	ISO/IEC 11801 2nd Ed., EN 50173-1, EIA/TIA 568-C

General Properties

Suitable for patch panels and wall outlets
RJ45 Female, 8P8C
Cable installation via LSA+-strips, color coded according to EIA/TIA 568 A & B
Cable fixing with cable tie
Tool-free installation
360°-shield contact
Dust cover included

Technical Properties

Housing material:	Zinc die-cast, nickel-plated
RJ45 jack material:	Housing: ABS UL 94V-0
	Contact clamp: ABS UL 94V-0
RJ45 jack contact:	Phosphor bronze
	0.5 µ gold-plated contact
RJ45 shielding:	Tinned bronze
LSA termination clamp:	Krone LSA+
	UL 94V-2
	Tinned phosphor bronze
Conductor plate:	FR4, ABS UL 94V-0

Physical Properties

Insertion force:	30N max. (IEC 60603-7-5)
Retention strength:	7,7 kg between jack and plug
Operation temperature:	-20 °C to +70 °C (ISO/IEC 11801, EN 50173-1, ANSI/TIA/EIA 568 C)
Mating cycles female:	> 750 acc. to ISO/IEC 11801, IEC 60603-7-5
Clamp:	> 200 acc. to ISO/IEC 11801, IEC 60603-7-5
IDC wire size:	22 – 26 AWG solid and stranded conductor
Insulation resistance:	> 500 MOhm
Contact resistance:	< 20 MilliOhm
Dielectric strength:	1000 VDC (Contact/Contact)
	1500 VDC (Contact/Ground)



Cross Reference

Data Cable	DK-1743-A-VH // DK-1743-VH // DK-1741-VH // DK-1623-A-VH
Patch Cable	DK-1644-A // DK-1643-A
Patch Panel	DN-91410 // DN-91411 // DN-91422 // DN-91424 // DN-91412S-ANP // DN-91412
Wall Outlet	DN-93801-1 // DN-93811 // DN-93821 // DN-93802 // DN-93805 // DN-93844-OD // DN-93845-OD
Consolidation-Point Enclosures	DN-93907 // AT-AG 302A-WH
Floor Tank	AN-25178 // AN-25179
DIN-Rail Adapter	AN-25184 // AN-25185 // AN-25186
Tools	DN-94020 // DN-94021

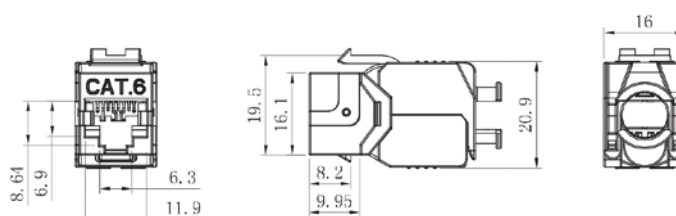
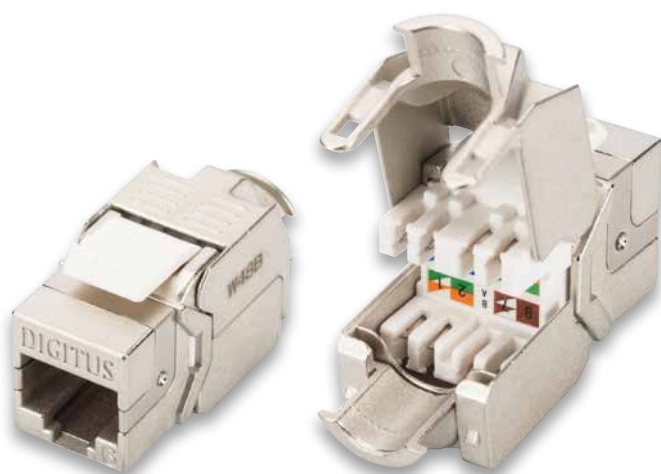


DN-93615-24



DN-93615

Keystone Module, CAT 6, Class E, shielded



Product Number	EAN	Ports	Tool-free Installation	Shielding	Package Content
DN-93612-1	378518	1	yes	yes	Keystone Module, Cable Tie, Manual

Product Information

Transmission Properties:	Category 6, Class E _A
Area of Application:	Up to 500 MHz, 10GBase-T (Class E _A); 250 MHz, 1GBase-T (Class E)
Norms:	ISO/IEC 11801 2nd Ed., EN 50173-1, EIA/TIA 568-C

General Properties

Suitable for installations in distribution panels and connector boxes
RJ45-plug, 8P8C
Cable installation via LSA+ strip, color coded EIA/TIA 568 A & B
Cable fixing with cable ties
Tool-free installation
360° cable screen connection

Technical Properties

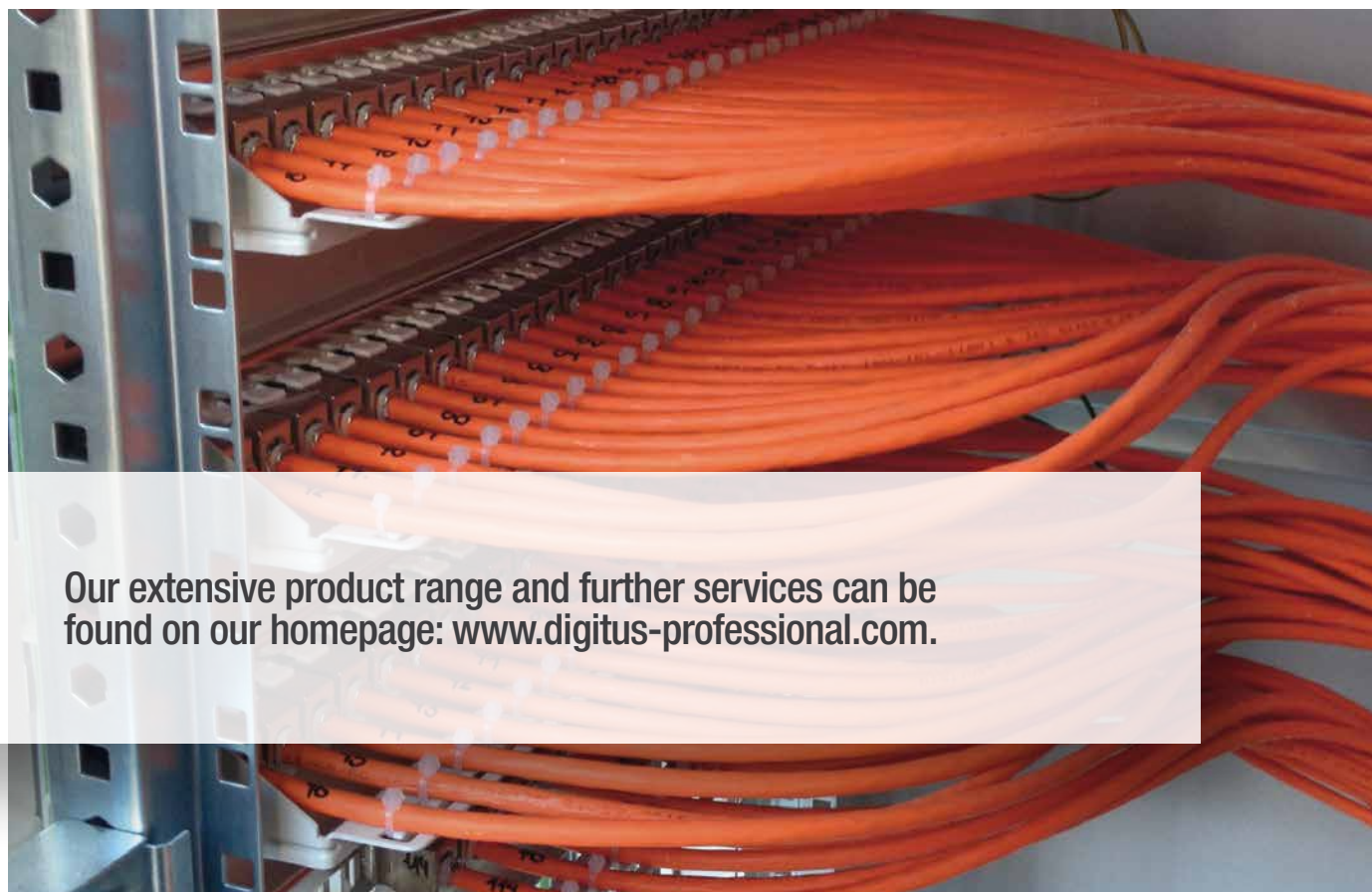
Housing material:	Zinc die-cast, nickel-plated
RJ45 jack material:	Housing: ABS UL 94V-0
	Contact clamp: ABS UL 94V-0
RJ45 jack contact:	Phosphor bronze
	0.5 µ gold-plated contact
RJ45 shielding:	Tinned bronze
LSA termination clamp:	Krone LSA+
	UL 94V-2
	Tinned phosphor bronze
Conductor plate:	FR4, ABS UL 94V-0

Physical Properties

Insertion force:	30N max. (IEC 60603-7-5)
Retention strength:	7.7 kg between jack and plug
Operation temperature:	-20 °C to +70 °C (ISO/IEC 11801, EN 50173-1, ANSI/TIA/EIA 568 C)
Mating cycles female:	> 750 acc. to ISO/IEC 11801, IEC 60603-7-5
Clamp:	> 200 acc. to ISO/IEC 11801, IEC 60603-7-5
IDC wire size:	22 – 26 AWG solid and stranded conductor
Insulation resistance:	> 500 MOhm
Contact resistance:	< 20 MilliOhm
Dielectric strength:	1000 VDC (Contact/Contact)
	1500 VDC (Contact/Ground)

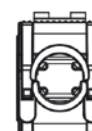
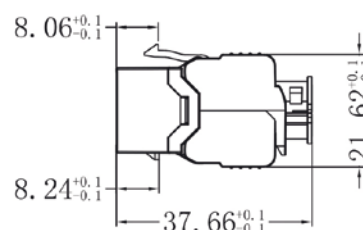
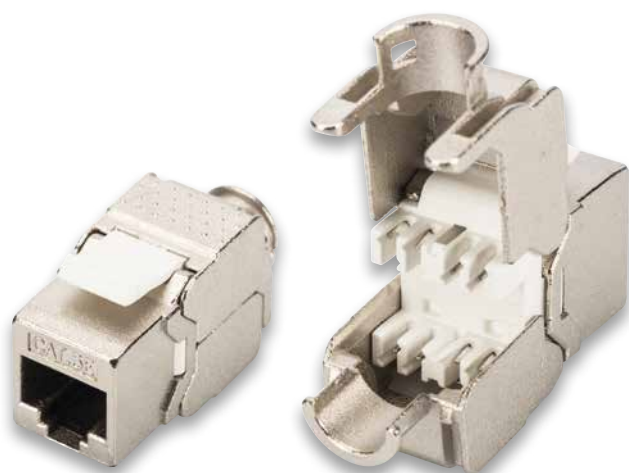
Cross Reference

Data Cable	DK-1743-VH // DK-1741-VH // DK-1623-A-VH
Patch Cable	DK-1644
Patch Panel	DN-91410 // DN-91411 // DN-91422 // DN-91424 // DN-91412S-ANP // DN-91412
Wall Outlet	DN-93801-1 // DN-93811 // DN-93821 // DN-93802 // DN-93805 // DN-93844-OD // DN-93845-OD
Consolidation-Point Enclosures	DN-93907 // AT-AG 302A-WH
Floor Tank	AN-25178 // AN-25179
DIN-Rail Adapter	AN-25184 // AN-25185 // AN-25186
Tools	DN-94020 // DN-94021



Our extensive product range and further services can be found on our homepage: www.digitus-professional.com.

Keystone Module, CAT 5e, shielded



Product Number	EAN	Ports	Tool-free Installation	Shielding	Package Content
DN-93512	366300	1	yes	yes	Keystone Module, Cable Tie, Manual

Product Information

Transmission Properties:	Category 5e
Area of Application:	Up to 100 MHz, 10/100Base-T, 1GBase-T
Norms:	ISO/IEC 11801 2nd Ed., EN 50173-1, EIA/TIA 568-C

General Properties

Suitable for patch panels and wall outlets
RJ45 Female, 8P8C
Cable installation via LSA+-strips, color coded according to EIA/TIA 568 A & B
Cable fixing with cable tie
Tool-free installation
360°-shield contact

Technical Properties

Housing material:	Zinc die-cast, nickel-plated
RJ45 jack material:	Housing: ABS UL 94V-0
	Contact clamp: ABS UL 94V-0
RJ45 jack contact:	Phosphor bronze
	0.5 µ gold-plated contact
RJ45 shielding:	Tinned bronze
LSA termination clamp:	Krone LSA+
	UL 94V-2
	Tinned phosphor bronze
Conductor plate:	FR4, UL 94V-0

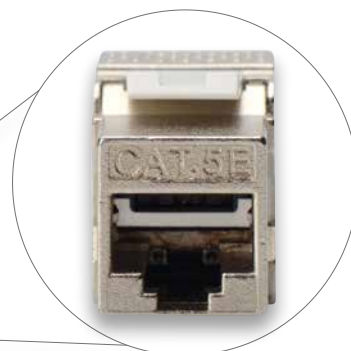
Physical Properties

Insertion force:	30N max. (IEC 60603-7-5)
Retention strength:	7.7 kg between jack and plug
Operation temperature:	-20 °C to +70 °C (ISO/IEC 11801, EN 50173-1, ANSI/TIA/EIA 568 C)
Mating cycles female:	> 750 acc. to ISO/IEC 11801, IEC 60603-7-5
Clamp:	> 200 acc. to ISO/IEC 11801, IEC 60603-7-5
IDC wire size:	22 – 26 AWG solid and stranded conductor
Insulation resistance:	> 500 MOhm
Contact resistance:	< 20 MilliOhm
Dielectric strength:	1000 VDC (Contact/Contact)
	1500 VDC (Contact/Ground)

Cross Reference

Data Cable	DK-1531-V // DK-1521-V
Patch Cable	DK-1531 // DK-1521 // DK-1532 // DK-1522
Patch Panel	DN-91410 // DN-91411 // DN-91422 // DN-91424 // DN-91412S-ANP // DN-91412
Wall Outlet	DN-93801-1 // DN-93811 // DN-93821 // DN-93802 // DN-93805 // DN-93844-OD // DN-93845-OD
Consolidation-Point Enclosures	DN-93907 // AT-AG 302A-WH
Floor Tank	AN-25178 // AN-25179
DIN-Rail Adapter	AN-25184 // AN-25185 // AN-25186

Application example: 10" wall mounted rack in the floor distribution



Keystone Module,
CAT 6_A // CAT 6 // CAT 5e, unshielded

CAT
6_A
500 MHz

10
GBit

CAT
6
250 MHz

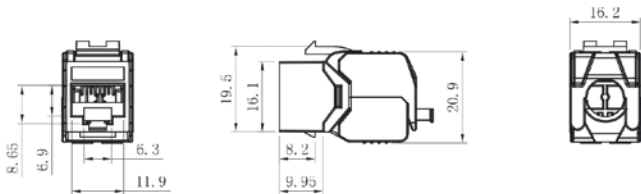
1
GBit

CAT
5e
100 MHz

10/100
MBit



DN-93606



Product Number	EAN	Ports	Tool-free Installation	Shielding	Package Content
DN-93606	366317	1	yes	no	Keystone Module, Cable Tie, Manual

Product Information	
Transmission Properties:	Category 6 _A
Area of Application:	Up to 500 MHz, 10GBase-T
Norms:	ISO/IEC 11801 2nd Ed., EN 50173-1, EIA/TIA 568-C, 802.3af, 802.3at PoE+

Product Number	EAN	Ports	Tool-free Installation	Shielding	Package Content
DN-93603	259398	1	yes	no	Keystone Module, Cable Tie, Manual

Product Information	
Transmission Properties:	Category 6
Area of Application:	Up to 250 MHz, 1GBase-T
Norms:	ISO/IEC 11801 2nd Ed., EN 50173-1, EIA/TIA 568-C

Product Number	EAN	Ports	Tool-free Installation	Shielding	Package Content
DN-93502	276005	1	yes	no	Keystone Module, Cable Tie, Manual

Product Information	
Transmission Properties:	Category 5e
Area of Application:	Up to 100 MHz, 10/100Base-T, 1GBase-T
Norms:	ISO/IEC 11801 2nd Ed., EN 50173-1, EIA/TIA 568-C

General Properties

Suitable for 483 mm (19") cabinet mounting
RJ45 female, 8P8C
Cable installation via LSA+-strips, color coded according to EIA/TIA 568 A & B
Cable fixing with cable tie
Tool-free installation

Technical Properties

Housing material:	ABS UL 94V-0
RJ45 jack material:	Housing: ABS UL 94V-0
	Contact clamp: ABS UL 94V-0
RJ45 jack contact:	Phosphor bronze
	0.5 µ gold-plated contact
LSA termination clamp:	Krone LSA+
	UL 94V-2
	Tinned phosphor bronze
Conductor plate:	FR4, UL 94V-0

Physical Properties

Insertion force:	30N max. (IEC 60603-7-5)
Retention strength:	7.7 kg between jack and plug
Operation temperature:	-20 °C to +70 °C (ISO/IEC 11801, EN 50173-1, ANSI/TIA/EIA 568 C)
Mating cycles female:	> 750 acc. to ISO/IEC 11801, IEC 60603-7-5
Clamp:	> 200 acc. to ISO/IEC 11801, IEC 60603-7-5
IDC wire size:	22 – 26 AWG solid and stranded conductor
Insulation resistance:	> 500 MOhm
Contact resistance:	< 20 MilliOhm
Dielectric strength:	1000 VDC (Contact/Contact)
	1500 VDC (Contact/Ground)

Cross Reference

Data Cable	DK-1613-A-VH // DK-1613-VH // DK-1511-V
Patch Cable	DK-1613-A // DK-1613 // DK-1614 // DK-1511
Patch Panel	DN-91400 // DN-91401
Wall Outlet	DN-93802 // DN-93805 // DN-93844-OD // DN-93845-OD
Consolidation-Point Enclosures	DN-93907 // AT-AG 302A-WH
Floor Tank	AN-25178 // AN-25179
DIN-Rail Adapter	AN-25184 // AN-25185 // AN-25186

Keystone Module, CAT 6 // CAT 5e, unshielded



DN-93601



DN-93501

Product Number	EAN	Ports	Tool-free Installation	Shielding	Package Content
DN-93601	245100	1	no	no	Keystone Module, Cable Tie, Manual

Product Information

Transmission Properties:	Category 6
Area of Application:	Up to 250 MHz, 1GBase-T
Norms:	ISO/IEC 11801 2nd Ed., EN 50173-1, EIA/TIA 568-C

Product Number	EAN	Ports	Tool-free Installation	Shielding	Package Content
DN-93501	245087	1	no	no	Keystone Module, Cable Tie, Manual

Product Information

Transmission Properties:	Category 5e
Area of Application:	Up to 100 MHz, 10/100Base-T, 1GBase-T
Norms:	ISO/IEC 11801 2nd Ed., EN 50173-1, EIA/TIA 568-C

General Properties

Suitable for 483 mm (19") Cabinet mounting
RJ45 Female, 8P8C
Cable installation via LSA+-strips, color coded according to EIA/TIA 568 A & B
Cable fixing with cable tie

Technical Properties

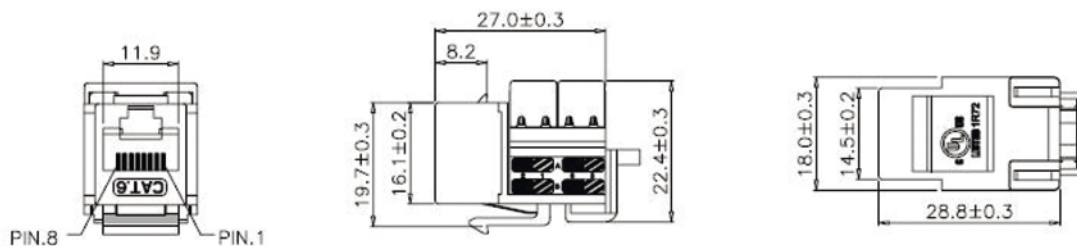
Housing material:	ABS UL 94V-0
RJ45 jack material:	Housing: ABS UL 94V-0
	Contact clamp: ABS UL 94V-0
RJ45 jack contact:	Phosphor bronze
	0.5 µ gold-plated contact
LSA termination clamp:	Krone LSA+
	UL 94V-2
	Tinned phosphor bronze
Conductor plate:	FR4, UL 94V-0

Physical Properties

Insertion force:	30N max. (IEC 60603-7-5)
Retention strength:	7.7 kg between jack and plug
Operation temperature:	-20 °C to + 70 °C (ISO/IEC 11801, EN 50173-1, ANSI/TIA/EIA 568 C)
Mating cycles female:	> 750 acc. to ISO/IEC 11801, IEC 60603-7-5
Clamp:	> 200 acc. to ISO/IEC 11801, IEC 60603-7-5
IDC wire size:	22 – 26 AWG solid and stranded conductor
Insulation resistance:	> 500 MOhm
Contact resistance:	< 20 MilliOhm
Dielectric strength:	1000 VDC (Contact/Contact)
	1500 VDC (Contact/Ground)

Cross Reference

Data Cable	DK-1613-VH // DK-1511-V
Patch Cable	DK-1613 // DK-1614 // DK-1511
Patch Panel	DN-91400 // DN-91401
Wall Outlet	DN-93802 // DN-93805
Consolidation-Point Enclosures	DN-93907 // AT-AG 302A-WH
Floor Tank	AN-25178 // AN-25179
DIN-Rail Adapter	AN-25184 // AN-25185 // AN-25186

DN-93601

DN-93501


RJ45 Coupler for Patch Panel mounting, shielded



DN-93906



DN-93613-1



DN-93513

Product Number	EAN	Ports	Shielding	Package Content
DN-93906	291831	1	yes	Coupler

Product Information

Transmission Properties:	Category 6 _A
Area of Application:	Up to 500 MHz, 10GBase-T
Norms:	ISO/IEC 11801 2nd Ed., EN 50173-1, EIA/TIA 568-C, 802.3af, 802.3at PoE+

Product Number	EAN	Ports	Shielding	Package Content
DN-93613-1	266846	1	yes	Coupler

Product Information

Transmission Properties:	Category 6
Area of Application:	Up to 250 MHz, 1GBase-T
Norms:	ISO/IEC 11801 2nd Ed., EN 50173-1, EIA/TIA 568-C

Product Number	EAN	Ports	Shielding	Package Content
DN-93513	245179	1	yes	Coupler

Product Information

Transmission Properties:	Category 5e
Area of Application:	Up to 100 MHz, 10/100Base-T, 1GBase-T
Norms:	ISO/IEC 11801 2nd Ed., EN 50173-1, EIA/TIA 568-C

General Properties

Suitable for 483 mm (19") cabinet mounting
2x RJ45 Female, 8P8C
360°-shield contact
Connection 1:1

Technical Properties

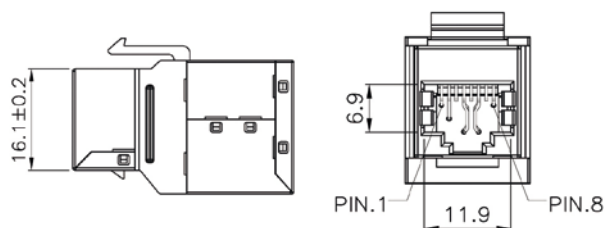
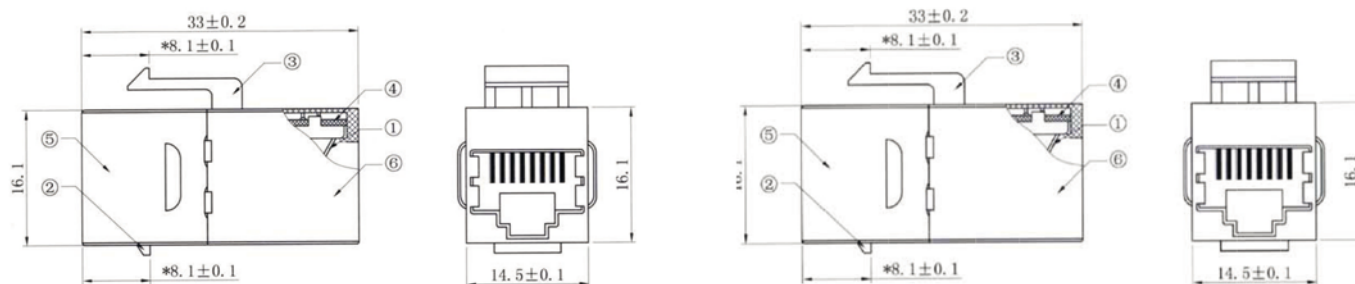
Housing material:	Zinc die-cast, nickel-plated
RJ45 jack material:	Housing: ABS UL 94V-0
	Contact clamp: ABS UL 94V-0
RJ45 jack contact:	Phosphor bronze
	0.5 μ gold-plated contact
RJ45 shielding:	Tinned bronze
Conductor plate:	FR4, UL 94V-0

Physical Properties

Insertion force:	30N max. (IEC 60603-7-5)
Retention strength:	7.7 kg between jack and plug
Operation temperature:	-20 °C to +70 °C (ISO/IEC 11801, EN 50173-1, ANSI/TIA/EIA 568 C)
Mating cycles female:	> 750 acc. to ISO/IEC 11801, IEC 60603-7-5
Insulation resistance:	> 500 MOhm
Contact resistance:	< 20 MilliOhm
Dielectric strength:	1000 VDC (Contact/Contact)
	1500 VDC (Contact/Ground)

Cross Reference

CAT 6 _A Patch Cable	DK-1644-A // DK-1643-A
CAT 6 Patch Cable	DK-1644
CAT 5e Patch Cable	DK-1531 // DK-1521 // DK-1532 // DK-1522


DN-93906

DN-93613-1
DN-93513

19" Patch Panel for Keystone Modules, shielded



DN-91410

Product Number	EAN	Ports	Color	Height	Shielding	Package Content
DN-91410	280781	24	Grey (RAL 7035)	1U	yes	Patch Panel, Cable Tie
DN-91411	280798	24	Black (RAL 9005)	1U	yes	Patch Panel, Cable Tie

Product Information

Layout Keystone Entry:	Straight (24-Port)
Area of Application:	19" cabinet
Norms:	ISO/IEC 11801 2nd Ed., EN 50173-1, EIA/TIA 568-C

General Properties

Suitable for 483 mm (19") cabinet mounting
Suitable for unshielded DIGITUS® Keystone Modules and Couplers
Central grounding connection

Technical Properties

Housing material:	1.5 mm SPCC cold rolled steel sheet, powder-coated
Material standard:	EN 10 130(1991), BS 1449, NFA 36/401, DIN 1623, UNI 5866, UNE 36-086, SIS, JIS G 3141, ASTM, SAE
Grounding bar material:	Galvanized steel
Grounding wire:	18 AWG
Length	40 cm

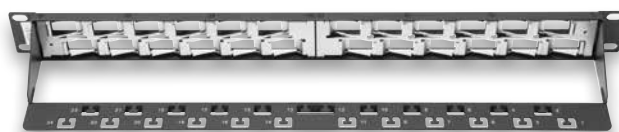
Physical Properties

Operating temperature:	-20 °C to +70 °C (ISO/IEC 11801, EN 50173-1, ANSI/TIA/EIA 568 C)
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Cross Reference

STP Keystone Module	DN-93617 // DN-93615 // DN-93612-1 // DN-93512
STP Keystone Coupler	DN-93906 // DN-93613-1 // DN-93513

19" Patch Panel for Keystone Modules, staggered



DN-91412S-ANP

Product Number	EAN	Ports	Color	Height	Shielding	Package Content
DN-91412S-ANP	324041	24	Black (RAL 9005)	1U	yes	Patch Panel, Cable Tie

Product Information

Layout Keystone Entry:	Staggered, 45° angled Ports
Area of Application:	19" cabinet
Norms:	ISO/IEC 11801 2nd Ed., EN 50173-1, EIA/TIA 568-C

Product Number	EAN	Ports	Color	Height	Shielding	Package Content
DN-91412	295105	24	Black (RAL 9005)	1U	yes	Patch Panel, Cable Tie

Product Information

Layout Keystone Entry:	Staggered
Area of Application:	19" cabinet
Norms:	ISO/IEC 11801 2nd Ed., EN 50173-1, EIA/TIA 568-C

General Properties

Suitable for 483 mm (19") cabinet mounting
Suitable for DIGITUS® Keystone Modules and Couplers
Cable fixing with cable ties
Central grounding connection

Technical Properties

Housing material:	1.5 mm SPCC cold rolled steel sheet, powder-coated
Material standard:	EN 10 130(1991), BS 1449, NFA 36/401, DIN 1623, UNI 5866, UNE 36-086, SIS, JIS G 3141, ASTM, SAE
Grounding bar material:	Galvanized steel
Grounding wire:	18 AWG
Length	40 cm

Physical Properties

Operating temperature:	-20 °C to +70 °C (ISO/IEC 11801, EN 50173-1, ANSI/TIA/EIA 568 C)
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Cross Reference

STP Keystone Module	DN-93617 // DN-93615 // DN-93612-1 // DN-93512
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19" Patch Panel for Keystone Modules, High Density



DN-91424

Product Number	EAN	Ports	Color	Height	Shielding	Package Content
DN-91424	343318	48	Black (RAL 9005)	1U	yes	Distribution Panel, Cable Tie
DN-91422	343295	24	Black (RAL 9005)	0.5U	yes	Distribution Panel, Cable Tie

Product Information

Layout Keystone Entry:	Straight (24-Port), double-row (48-Port)
Area of Application:	19" cabinet
Norms:	ISO/IEC 11801 2nd Ed., EN 50173-1, EIA/TIA 568-C

General Properties

Suitable for 483 mm (19") cabinet mounting
Suitable for shielded DIGITUS® Keystone Modules and Couplers
Cable fixing with cable tie
Central grounding connection
Integrated dust cover
Plastic label field

Technical Properties

Housing material:	1.5 mm SPCC cold rolled steel sheet, powder-coated
Material standard:	EN 10 130(1991), BS 1449, NFA 36/401, DIN 1623, UNI 5866, UNE 36-086, SIS, JIS G 3141, ASTM, SAE
Grounding bar material:	Galvanized steel
Grounding wire:	18 AWG
Length	40 cm

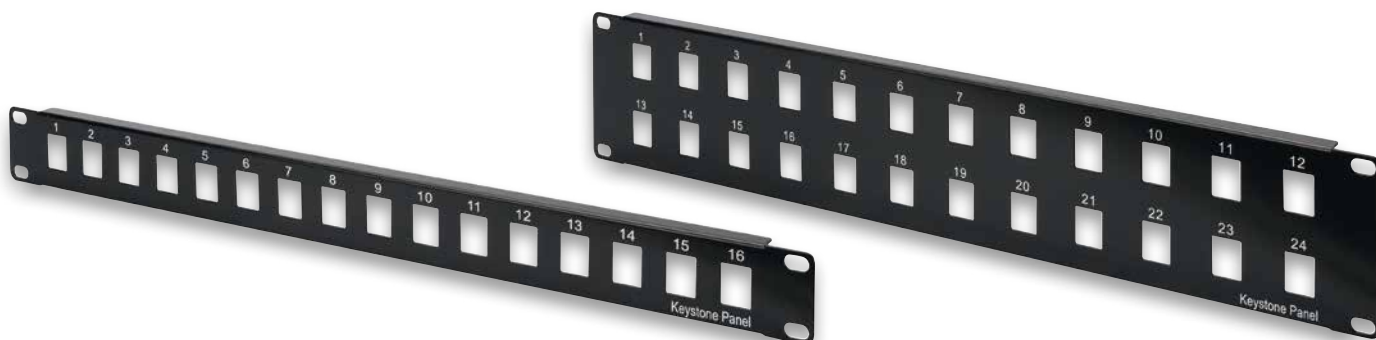
Physical Properties

Operating temperature:	-20 °C to +70 °C (ISO/IEC 11801, EN 50173-1, ANSI/TIA/EIA 568 C)
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Cross Reference

STP Keystone Module	DN-93617 // DN-93615 // DN-93612-1 // DN-93512
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19" Patch Panel for Keystone Modules, unshielded



DN-91400

DN-91401

Product Number	EAN	Ports	Color	Height	Shielding	Package Content
DN-91401	280781	24	Black (RAL 9005)	2U	no	Distribution Panel
DN-91400	280798	16	Black (RAL 9005)	1U	no	Distribution Panel

Product Information

Layout Keystone Entry:	Straight (16-Port), double-row (24-Port)
Area of Application:	19" cabinet
Norms:	ISO/IEC 11801 2nd Ed., EN 50173-1, EIA/TIA 568-C

General Properties

Suitable for 483 mm (19") cabinet mounting
Suitable for unshielded DIGITUS® Keystone Modules and Couplers

Technical Properties

Housing material:	1.5 mm SPCC cold rolled steel sheet, powder-coated
Material standard:	EN 10 130(1991), BS 1449, NFA 36/401, DIN 1623, UNI 5866, UNE 36-086, SIS, JIS G 3141, ASTM, SAE

Physical Properties

Operating temperature:	-20 °C to +70 °C (ISO/IEC 11801, EN 50173-1, ANSI/TIA/EIA 568 C)
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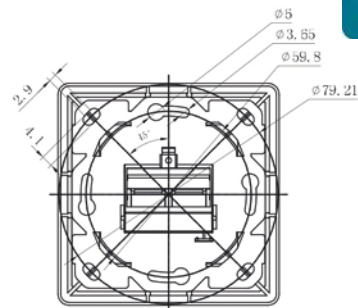
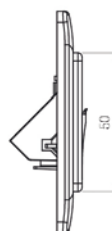
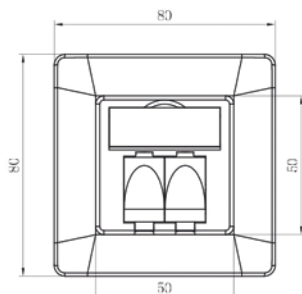
Cross Reference

UTP Keystone Module	DN-93606 // DN-93603 // DN-93601 // DN-93502 // DN-93501
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Wall Outlet for Keystone Modules, German Layout, design compatible



DN-93831



Product Number	EAN	Style	Color	Type	Layout	Package Content
DN-93831	362418	2-Port	Pure white (RAL 9003)	Flush mount	GER - central plate (50x50); frame (80x80)	Wall Outlet, Central Plate, Frame
DN-93803	259367		Pure white (RAL 9003)	Surface mount	GER - frame (80x80)	Surface Mount Box

Product Information

Layout Keystone Entry:	45° outlet
Area of Application:	Cavity socket, trunking, surface mount box
Norms:	ISO/IEC 11801 2nd Ed., EN 50173-1, EIA/TIA 568-C

General Properties

Suitable for installation in trunking, flush and surface mount
Plug direction of module 45° vertical
Central ground connection
Integrated dust cover
Plastic label field
Design compatible to current switch ranges of switch manufacturers

Technical Properties

Wall outlet material:	Die-cast metal
Central plate material:	ABS UL 94V-0
Frame material:	ABS UL 94V-0
Surface mount box material:	ABS UL 94V-0

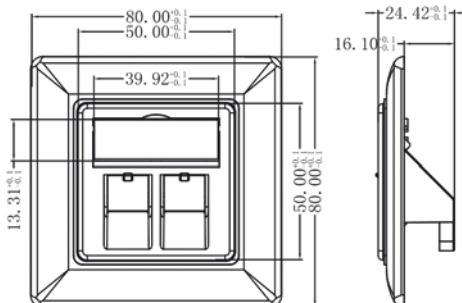
Physical Properties

Operating temperature:	-20 °C to +70 °C (ISO/IEC 11801, EN 50173-1, ANSI/TIA/EIA 568 C)
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Cross Reference

STP Keystone Module	DN-93617
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Wall Outlet for Keystone Modules, German layout


DN-93801-1

DN-93803

Product Number	EAN	Style	Color	Type	Layout	Package Content
DN-93801-1	306160	2-Port	Pure white (RAL 9003)	Flush mount	GER - central plate (50x50); frame (80x80)	Wall Outlet, Central Plate, Frame
DN-93811	305743	1-Port	Pure white (RAL 9003)	Flush mount	GER - central plate (50x50); frame (80x80)	Wall Outlet, Central Plate, Frame
DN-93821	305750	3-Port	Pure white (RAL 9003)	Flush mount	GER - central plate (50x50); frame (80x80)	Wall Outlet, Central Plate, Frame
DN-93803	259367		Pure white (RAL 9003)	Surface mount	GER - frame (80x80)	Surface Mount Box

Product Information

Layout Keystone Entry:	45° outlet
Area of Application:	Cavity socket, trunking, surface mount box
Norms:	ISO/IEC 11801 2nd Ed., EN 50173-1, EIA/TIA 568-C

General Properties

Suitable for installation in trunking, flush and surface mount
Plug direction of module 45° vertical
Central ground connection
Integrated dustcover
Plastic label field

Technical Properties

Wall outlet material:	Die-cast metal
Central plate material:	ABS UL 94V-0
Frame material:	ABS UL 94V-0
Surface mount box material:	ABS UL 94V-0

Physical Properties

Operating temperature:	-20 °C to +70 °C (ISO/IEC 11801, EN 50173-1, ANSI/TIA/EIA 568 C)
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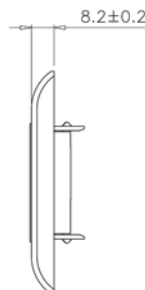
Cross Reference

STP Keystone Module	DN-93615 // DN-93612-1 // DN-93611 // DN-93512
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Wall Outlet for Keystone Modules, French Layout // British Layout



DN-93802



DN-93804

Product Number	EAN	Style	Color	Type	Layout	Package Content
DN-93802	259350	2-Port	Pure white (RAL 9003)	Flush mount	FR - central plate (45x45); frame (80x80)	Wall Outlet, Central Plate, Frame
DN-93804	309987		Pure white (RAL 9003)	Surface mount	FR - frame (80x80)	Surface Mount Box
DN-93805-1	378013	2-Port	Pure white (RAL 9003)	Flush mount	UK - central plate (45x45); frame (86x86)	Wall Outlet, Central Plate, Frame
DN-93806-1	378020		Pure white (RAL 9003)	Surface mount	UK - frame (86x86)	Surface Mount Box

Product Information

Layout Keystone Entry:	90° outlet
Area of Application:	Cavity socket, trunking, surface mount box
Norms:	ISO/IEC 11801 2nd Ed., EN 50173-1, EIA/TIA 568-C

General Properties

Suitable for installation in trunking, flush and surface mount
Plug direction of module 90° vertical
Integrated dustcover
Plastic label field

Technical Properties

Central plate material:	ABS UL 94V-0
Frame material:	ABS UL 94V-0
Surface mount box material:	ABS UL 94V-0

Physical Properties

Operating temperature:	-20 °C to +70 °C (ISO/IEC 11801, EN 50173-1, ANSI/TIA/EIA 568 C)
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Cross Reference

UTP Keystone Module	DN-93606 // DN-93603 // DN-93502 // DN-93601 // DN-93501
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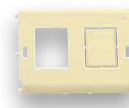
Wall Outlet for Keystone Modules, Outdoor Section, IP44



DN-93844-OD



DN-93844-OD



DN-93844-OD-1

Product Number	EAN	Style	Color	Type	Layout	Package Content
DN-93844-OD	370857		Anthracite, grey	Surface mount	Wall Outlet, Surface Mount (75x86x58)	Wall Outlet
DN-93844-OD-1	370864	2-Port	Pearl white (RAL 1013)		Inlet	Inlet

Product Information

Layout Keystone Entry:	90° outlet
Area of Application:	Outdoor section, industrial sector
Norms:	ISO/IEC 11801 2nd Ed., EN 50173-1, EIA/TIA 568-C

General Properties

Suitable for outdoor section and industrial sector usage, IP44
Plug direction of module 90° vertical
Integrated top cover
Plastic label field

Technical Properties

Wall outlet material:	Thermoplast, ABS UL94V-0
Top cover material:	Thermoplast, ABS UL94V-0
Inlet material:	Thermoplast, ABS UL94V-0

Physical Properties

Operating temperature:	-20 °C to +70 °C (ISO/IEC 11801, EN 50173-1, ANSI/TIA/EIA 568 C)
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Cross Reference

STP Keystone Module	DN-93617 // DN-93615 // DN-93612-1 // DN-93611 // DN-93512
UTP Keystone Module	DN-93906 // DN-93603 // DN-93601 // DN-93502 // DN-93501

Wall Outlet for Keystone Modules, IP44



Product Number	EAN	Style	Color	Type	Version	Package Content
DN-93845-OD	379676	2-Port	Grey (RAL 7035)	Surface mount	Wall Outlet	Wall Outlet, Assembly Work, Keys

Product Information

Mounting method:	Surface mount
Housing material:	Plastic
Housing surface:	Matt grey (RAL 7035)
Dimensions:	93x93x90 mm
Weight:	265 g
Plug quantity:	2x RJ45 modules
Outlet direction:	Bottom

General Properties

Lower part of housing rotatable by 180°, therefore cable entry above or below possible without creating additional work
Design compatible
Dust cover
Labeling field for identification
Mounting via claw
Lock against unauthorised access

Technical Properties

Wall outlet material:	Thermoplast, ABS UL94V-0
Top cover material:	Thermoplast, ABS UL94V-0
Inlet material:	Thermoplast, ABS UL94V-0

Physical Properties

Operating temperature:	-20 °C to +70 °C (ISO/IEC 11801, EN 50173-1, ANSI/TIA/EIA 568 C)
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Cross Reference

STP Keystone Module	DN-93617 // DN-93615 // DN-93612-1 // DN-93611 // DN-93512
UTP Keystone Module	DN-93906 // DN-93603 // DN-93601 // DN-93502 // DN-93501

Consolidation-Point Enclosure



AT-AG 302A-WH

DN-93705

Product Number	EAN	Ports	Color	Shielding	Package Content
AT-AG 302A-WH	180135	2	Pure white (RAL 9003)	no	Enclosure
DN-93705	259411	6; 12	Pure white (RAL 9003)	no	Enclosure

Product Information

Layout Keystone Entry:	Straight (2-Port), straight (6-Port), sideways (12-Port)
Area of Application:	Raised floor, trunking, inserted ceiling, wall fastening (surface mount)
Norms:	ISO/IEC 11801 2nd Ed., EN 50173-1, EIA/TIA 568-C

General Properties

For installation in raised floor, trunking, inserted ceiling, wall fastening (surface mount)
Suitable for all DIGITUS® Consolidation-Point Cables and Keystone Modules

Technical Properties

Housing material:	ABS UL-94V-0
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Physical Properties

Operating temperature:	-20 °C to +70 °C (ISO/IEC 11801, EN 50173-1, ANSI/TIA/EIA 568 C)
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Cross Reference

Consolidation-Point	DK-1744-CP // DK-1741-CP
Keystone Module (STP)	DN-93617 // DN-93615 // DN-93612 // DN-93611 // DN-93512
Keystone Module (UTP)	DN-93606 // DN-93603 // DN-93601 // DN-93502 // DN-93501

CAT 6_A, S/FTP Consolidation-Point Cable, shielded



Product Number	EAN	Connection	Color	Shielding	Package Content
DK-1744-CP-010	380986	1:1	Grey (RAL 7035)	yes	Consolidation-Point Cable
DK-1744-CP-020	380993	1:1	Grey (RAL 7035)	yes	Consolidation-Point Cable
DK-1744-CP-030	381006	1:1	Grey (RAL 7035)	yes	Consolidation-Point Cable
DK-1744-CP-050	381013	1:1	Grey (RAL 7035)	yes	Consolidation-Point Cable
DK-1744-CP-070	381020	1:1	Grey (RAL 7035)	yes	Consolidation-Point Cable
DK-1744-CP-100	381037	1:1	Grey (RAL 7035)	yes	Consolidation-Point Cable

Product Information

Transmission Properties:	Category 6 _A
Area of Application:	Up to 500 MHz, 10GBase-T
Norms:	ISO/IEC 11801 2nd Ed., EN 50173-1, EIA/TIA 568-C, 802.3af, 802.3at PoE+

General Properties

Suitable for installation in double floor, trunking and false ceiling
RJ45 jack, 8P8C
RJ45 plug, 8P8C
Flexible installation due to reduced wire diameter
360°-shield connectivity
Dust cover included in package content

Technical Properties Flexible Patch Cable, Bulk

Cabel type:	DIGITUS® CAT 6 _A Flex Cable
Shielding:	S/FTP, pair in metal foil and braid shield
Sheath:	LSZH-1 (FRNC-B); halogeen-free
Core cross-section:	AWG 26/7
Transmission characteristics:	500 MHz

Technical Properties Keystone Module

Product Number:	DN-93615
Housing material:	Zinc die-cast, nickel-plated
RJ45 jack material:	Housing: ABS UL 94V-0
	Contact clamp: ABS UL 94V-0
RJ45 jack contact:	Phosphor bronze
	0.5 µ gold-plated contact
RJ45 shielding:	Tinned bronze
LSA termination clamp:	Krone LSA+
	UL 94V-2
	Tinned phosphor bronze
Conductor plate:	FR4, UL 94V-0



Technical Properties RJ45 Modular Plug

Plug type:	DIGITUS® RJ45 Plug
Material contacts:	Phosphor bronze
Contacts coating:	Nickel, 0.5 µ gold-plated
Material connector body	Polycarbonat
Material shielding housing	Brass 0.5 mm, 2 µ nickel-plated
Flammability:	UL 94V-2

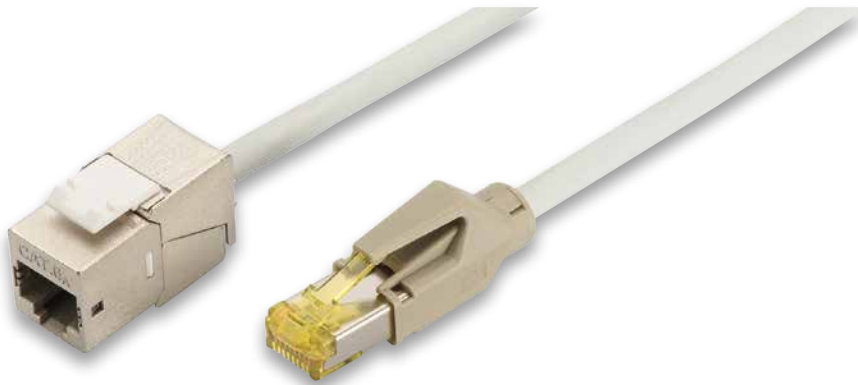
Physical Properties

Insertion force:	30N max. (IEC 60603-7-5)
Retention strength:	7.7 kg between jack and plug
Operation temperature:	-20 °C to +70 °C (ISO/IEC 11801, EN 50173-1, ANSI/TIA/EIA 568 C)
Mating cycles female:	> 750 acc. to ISO/IEC 11801, IEC 60603-7-5
Clamp:	> 200 acc. to ISO/IEC 11801, IEC 60603-7-5
IDC wire size:	22 – 26 AWG solid and stranded conductor
Insulation resistance:	> 500 MOhm
Contact resistance:	< 20 MilliOhm
Dielectric strength:	1000 VDC (Contact/Contact)
	1500 VDC (Contact/Ground)

Cross Reference

CP Enclosure	DN-93705 // AT-AG 302A-WH
Patch Panel LSA	DN-91624S-EA
Patch Panel Keystone	DN-91410 // DN-91411 // DN-91412 // DN-91412S-ANP // DN-91422 // DN-91424

CAT 6_A, S/FTP Consolidation-Point Cable, shielded



Product Number	EAN	Connection	Color	Shielding	Package Content
DK-1741-CP-010	371656	1:1	Grey (RAL 7035)	yes	Consolidation-Point Cable
DK-1741-CP-020	371663	1:1	Grey (RAL 7035)	yes	Consolidation-Point Cable
DK-1741-CP-030	371670	1:1	Grey (RAL 7035)	yes	Consolidation-Point Cable
DK-1741-CP-050	371687	1:1	Grey (RAL 7035)	yes	Consolidation-Point Cable
DK-1741-CP-070	371694	1:1	Grey (RAL 7035)	yes	Consolidation-Point Cable
DK-1741-CP-100	371700	1:1	Grey (RAL 7035)	yes	Consolidation-Point Cable

Product Information

Transmission Properties:	Category 6 _A
Area of Application:	Up to 500 MHz, 10GBase-T
Norms:	ISO/IEC 11801 2nd Ed., EN 50173-1, EIA/TIA 568-C, 802.3af, 802.3at PoE+

General Properties

Suitable for installation in double floor, trunking and false ceiling
RJ45 jack, 8P8C
RJ45 plug, 8P8C
Flexible installation due to reduced wire diameter
360°-shield connectivity
Dust cover included in package content

Technical Properties Flexible Patch Cable, Bulk

Product Number:	DK-1741-PH
Cabel type:	DRAKA UC900 SS CAT 7 S/FTP flex
Shielding:	S/FTP, pair in metal foil and braid shield
Sheath:	LSZH-1 (FRNC-B); halogen-free
Core cross-section:	AWG 27/7
Transmission characteristics:	600 MHz

Technical Properties Keystone Module

Product Number:	DN-93617
Housing material:	Zinc die-cast, nickel-plated
RJ45 jack material:	Housing: ABS UL 94V-0
	Contact clamp: ABS UL 94V-0
RJ45 jack contact:	Phosphor bronze
	0.5 μ gold-plated contact
RJ45 shielding:	Tinned bronze
LSA termination clamp:	Krone LSA+
	UL 94V-2
	Tinned phosphor bronze
Conductor plate:	FR4, UL 94V-0



Technical Properties RJ45 Modular Plug

Product Number:	A-MO6A 8/8 HRS
Plug type:	Hirose HRS TM31 RJ45 Plug
Material contacts:	Phosphor bronze
Contacts coating:	Nickel, 0.8 μ gold-plated
Material connector body:	Polycarbonat
Material shielding housing:	Brass 0.5 mm, 2 μ nickel-plated
Flammability:	UL94V-2

Physical Properties

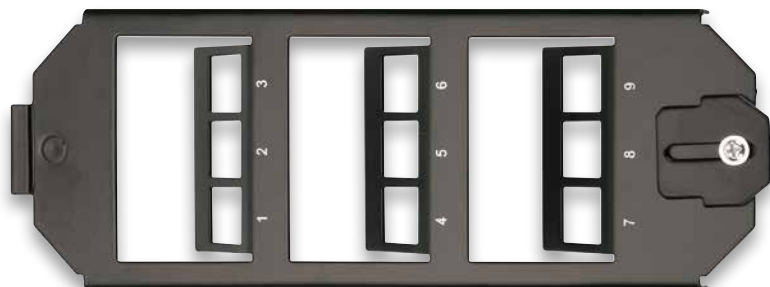
Insertion force:	30N max. (IEC 60603-7-5)
Retention strength:	7.7 kg between jack and plug
Operation temperature:	-20 °C to +70 °C (ISO/IEC 11801, EN 50173-1, ANSI/TIA/EIA 568 C)
Mating cycles female:	> 750 acc. to ISO/IEC 11801, IEC 60603-7-5
Clamp:	> 200 acc. to ISO/IEC 11801, IEC 60603-7-5
IDC wire size:	22 – 26 AWG solid and stranded conductor
Insulation resistance:	> 500 MOhm
Contact resistance:	< 20 MilliOhm
Dielectric strength:	1000 VDC (Contact/Contact)
	1500 VDC (Contact/Ground)

Cross Reference

CP Enclosure	DN-93705 // AT-AG 302A-WH
Patch Panel LSA	DN-91624S-EA
Patch Panel Keystone	DN-91410 // DN-91411 // DN-91412 // DN-91412S-ANP // DN-91422 // DN-91424

Frame Set, Keystone

Frame Set for Keystone Modules



AN-25179



Product Number	EAN	Style	Color	Package Content
AN-25178	302261	6x Keystone	Black (RAL 9005)	Frame Set
AN-25179	302780	9x Keystone	Black (RAL 9005)	Frame Set

Product Information

Layout Keystone Entry:	45° outlet
Area of Application:	Floor box
Norms:	ISO/IEC 11801 2nd Ed., EN 50173-1, EIA/TIA 568-C

General Properties

Suitable for GES2, GES4, GES 4/10, GESR 4, GES 6, GES 6/10, GESR 8/10
Frame suitable for installation in Ackermann floor box (OBO Bettermann Underfloor Systems)
Plug direction of module 45° vertical

Technical Properties

Housing material:	Metal
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Physical Properties

Operating temperature:	-20 °C to +70 °C (ISO/IEC 11801, EN 50173-1, ANSI/TIA/EIA 568 C)
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Cross Reference

STP Keystone Module	DN-93617 // DN-93615 // DN-93612-1 // DN-93512
UTP Keystone Module	DN-93606 // DN-93603 // DN-93601 // DN-93502 // DN-93501

DIN-Rail Adapter, Keystone

DIN-Rail Adapter for Keystone Modules



AN-25184

AN-25185



Product Number	EAN	Design	Color	Package Content
AN-25185	306344	2x Keystone	Silver	DIN-Rail Adapter
AN-25184	305859	1x Keystone	Silver	DIN-Rail Adapter

Product Information

Layout Keystone Entry:	45° vertical outlet
Area of Application:	Electrical distribution box
Norms:	ISO/IEC 11801 2nd Ed., EN 50173-1, EIA/TIA 568-C

General Properties

Suitable for installation on DIN-Rail in electrical distribution boxes

Technical Properties

Housing material:	Metal
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Physical Properties

Operating temperature:	-20 °C to +70 °C (ISO/IEC 11801, EN 50173-1, ANSI/TIA/EIA 568 C)
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Cross Reference

STP Keystone Module	DN-93617 // DN-93615 // DN-93612 // DN-93611 // DN-93512
UTP Keystone Module	DN-93606 // DN-93603 // DN-93502 // DN-93501

DIN-Rail Adapter for DIGITUS® DN-93617 Keystone Modules IP20



Product Number	EAN	Design	Color	Package Content
AN-25187	379300	1x Keystone	Grey (RAL 7035)	DIN-Rail Adapter

Product Information	
Layout Keystone Entry:	45° vertical outlet
Area of Application:	Electrical distribution box
Norms:	ISO/IEC 11801 2nd Ed., EN 50173-1, EIA/TIA 568-C

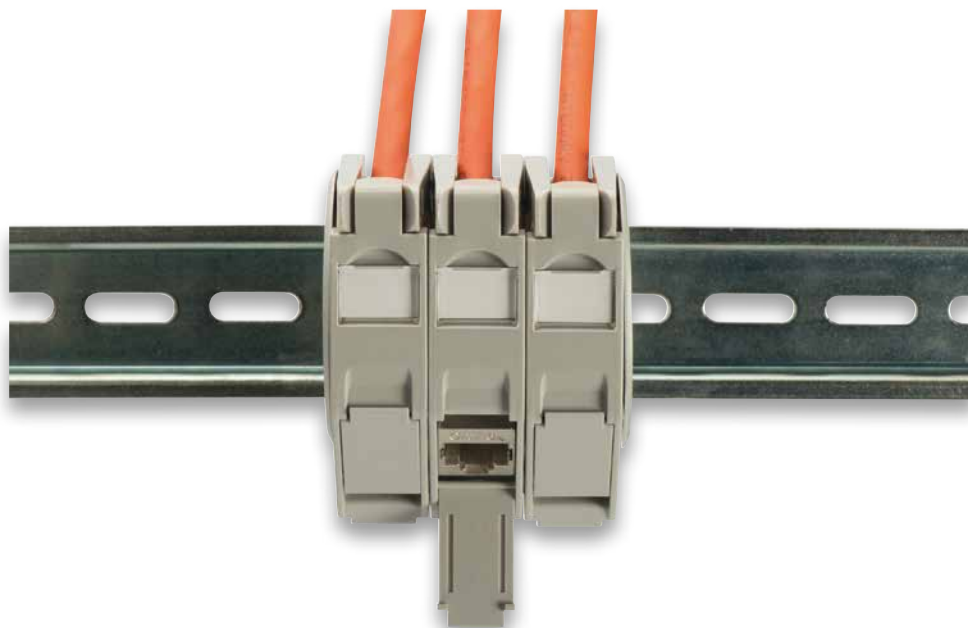
General Properties	
Suitable for installation on DIN-Rail in electrical distribution boxes	
Integrated dust cover	
IP protection class IP20	

Technical Properties	
Housing material:	ABS UL 94V-0

Physical Properties	
Operating temperature:	-20 °C to +70 °C (ISO/IEC 11801, EN 50173-1, ANSI/TIA/EIA 568 C)

Cross Reference	
STP Keystone Module	DN-93617

DIN-Rail Adapter for all DIGITUS® Keystone Modules IP20



Product Number	EAN	Design	Color	Package Content
AN-25186	372981	1x Keystone	Grey (RAL 7035)	DIN-Rail Adapter, 2x Lateral Cover Caps

Product Information	
Layout Keystone Entry:	45° vertical outlet
Area of Application:	Electrical distribution box
Norms:	ISO/IEC 11801 2nd Ed., EN 50173-1, EIA/TIA 568-C

General Properties	
Suitable for installation on DIN-Rail in electrical distribution boxes	
Integrated dust cover	
Lateral cover caps	
IP protection class IP20	

Technical Properties	
Housing material:	ABS UL 94V-0

Physical Properties	
Operating temperature:	-20 °C to +70 °C (ISO/IEC 11801; EN 50173-1; ANSI/TIA/EIA 568 C)

Cross Reference	
STP Keystone Module	DN-93617 // DN-93615 // DN-93612-1 // DN-93611 // DN-93512
UTP Keystone Module	DN-93606 // DN-93603 // DN-93502 // DN-93501

Junction Box (LSA+), shielded



DN-93907-1



DN-93903

Product Number	EAN	Color	Shielding	Package Content
DN-93907-1	363590	Black (RAL 9005)	yes	Junction Box, Cable Tie

Product Information

Layout Keystone Entry:	Category 6 _A
Area of Application:	Up to 500 MHz, 10GBase-T
Norms:	ISO/IEC 11801 2nd Ed., EN 50173-1, EIA/TIA 568-C, 802.3af, 802.3at PoE+

Product Number	EAN	Color	Shielding	Package Content
DN-93903	267133	Silver grey (RAL 7001)	yes	Junction Box, Cable Tie

Product Information

Layout Keystone Entry:	Category 6
Area of Application:	Up to 250 MHz, 1GBase-T
Norms:	ISO/IEC 11801 2nd Ed., EN 50173-1, EIA/TIA 568-C

Product Number	EAN	Color	Shielding	Package Content
DN-93902	266495	Silver grey (RAL 7001)	yes	Junction Box, Cable Tie

Product Information

Layout Keystone Entry:	Category 5e
Area of Application:	Up to 100 MHz, 10/100Base-T, 1GBase-T
Norms:	ISO/IEC 11801 2nd Ed., EN 50173-1, EIA/TIA 568-C

General Properties

Suitable for installation in trunking, surface and flush mount
Cable installation via LSA+-strips, color coded according to EIA/TIA 568 A & B
Suitable for connection of installation cables - extension of cables, replacing of defect cable links
Integrated strain relief for installation cables
Suitable for AWG 22 - 26 wire diameter

Technical Properties

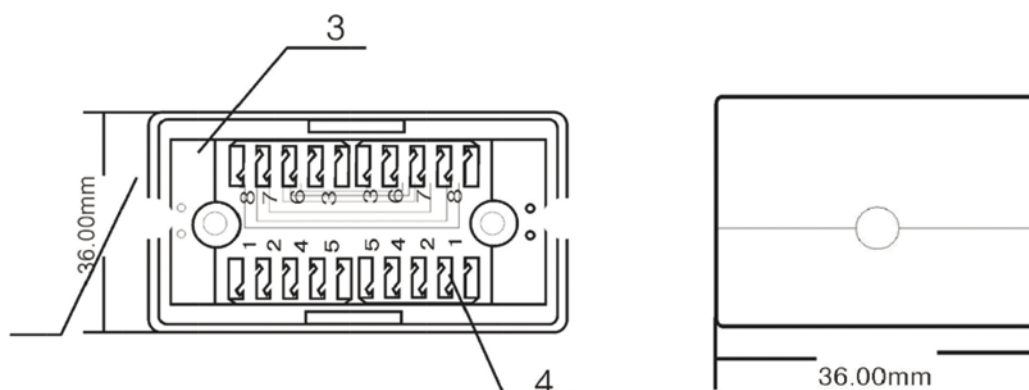
Housing material:	ABS UL 94V-0
RJ45 jack material:	Housing: ABS UL 94V-0
	Contact clamp: ABS UL 94V-0
RJ45 jack contact:	Phosphor bronze with nickel-plated
	0.5μ gold-plated contacts
RJ45 shielding:	Bronze with nickel-plated
LSA termination clamp:	Krone LSA+
	UL 94V-2
	Phosphor bronze with tin-plated
Conductor plate:	FR4, UL 94V-0

Physical Properties

Operation temperature:	-20 °C to +70 °C (ISO/IEC 11801, EN 50173-1, ANSI/TIA/EIA 568 C)
Mating cycles clamp:	> 200 acc. to ISO/IEC 11801, IEC 60603-7-5
IDC wire size:	22 – 26 AWG solid and stranded conductor
Insulation resistance:	> 500 MOhm
Contact resistance:	< 20 MilliOhm
Dielectric strength:	1000 VDC (Contact/Contact)
	1500 VDC (Contact/Ground)

Cross Reference

CAT 7, 6 _A Installation Cable	DK-1743-VH // DK-1741-VH // DK-1623-A-VH
CAT 6 Installation Cable	DK-1623-VH
CAT 5e Installation Cable	DK-1531-V // DK-1521-V

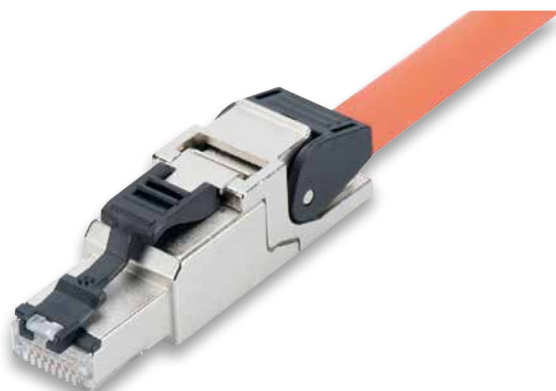


RJ45 Field Plug

RJ45 Plug for Assembling



A-MFP6A 8-8 TG



A-MFP6A 8-8 TG

Product Number	EAN	Category	Color Coding	Shielding	VPE
A-MFP6A 8-8 TG	302599	CAT 6 _A	T568A	360° Shielding	10 Pcs.
A-MFP6A 8-8 TG-B	317357	CAT 6 _A	T568B	360° Shielding	10 Pcs.
A-MFC6A-8-8	381969	CAT 6 _A	T568A,B	360° Shielding	1 Pcs.

Product Information

Layout Performance:	CAT 6 _A ; 10GBase-T
Area of Application:	For extension and reparation of networks; for cabling in office buildings, data centers, industry facilities and home improvements
Norms:	IEC 60603-7-51, IEEE 802.3, IEEE 802.3an, ISO/IEC 11801 2nd Ed., EN50173-1, EIA/TIA 568-C

General Properties

Pre-assembled protection cap
Robust zinc housing
3-stage cable clamping (cable diameter 5.0-9.0 mm)
Attachable in only 60 seconds without special tools
Optimized for field usage, also in harsh conditions
Secure transmission, even with interferences from outside
4-chambers wire manager
Cross sections AWG 27/7-22/7; AWG 24/1-22/1

Technical Properties

Core diameter:	0.85-1.6 mm
Cable diameter:	5.0-9.0 mm

Cross Reference

CAT 7, 6 _A Installation Cable	DK-1743-A-VH // DK-1741-A-VH // DK-1743-VH // DK-1741-VH // DK-1623-A-VH
CAT 6 Installation Cable	DK-1623-VH

Hirose RJ45 Modular Plugs for Round Cables



A-MO6A 8/8 HRS



A-MO6 8/8 HRS



A-MO 8/8 HRS

Product Number	EAN	Category	Cable Type	Color	Shielding
A-MO6A 8/8 HRS	272144	CAT 6 _A /TM31	Round Cable	yellow	shielded
A-MO6 8/8 HRS	132943	CAT 6/TM21	Round Cable	red	shielded
A-MO 8/8 HRS	065142	CAT 5e/TM11	Round Cable	white	shielded

Product Information

Layout Performance:	CAT 6A (TM31) 10GBase-T; CAT 6 (TM21) 1GBase-T; CAT 5e (TM11) 10/100Base-T; 1GBase-T
Area of Application:	Patchkabelkonfektion
Norms:	ISO/IEC 11801 2nd Ed., EN50173-1, EIA/TIA 568-C

General Properties

Fully shielded with strain relief for installation cables
Integrated kink protection boot
Incl. comb

Technical Properties

Mating cycles:	≥ 750
Connector material:	Polycarbonat, clear
Connector contact:	Phosphor bronze
	Brass, 0.8 μ gold-plated
Material shielding housing:	Brass 0.5 mm, 2 μ nickel-plated
Flammability rating:	UL 94V-2

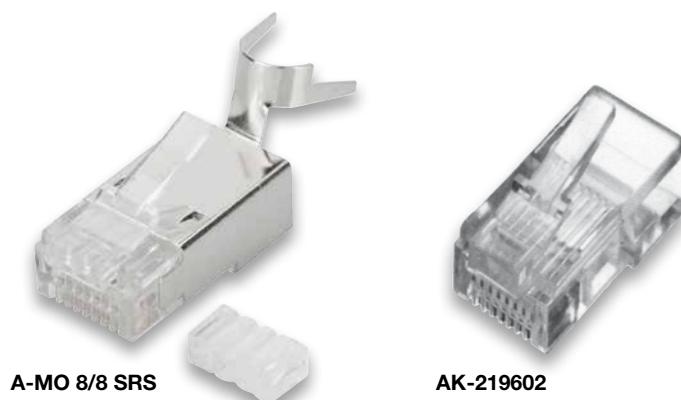
Physical Properties

Insertion force:	≤ 30N
Diameter Cu-Conductor:	AWG (27/7 ... 24/7)
Operating temperature:	-20 °C to +60 °C
Current carrying capacity:	1A at 50 °C
Diameter outer jacket:	5.5 ... 6.2 mm

Cross Reference

Hirose Modular Crimping Tool	DN-94008
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Modular Plug



A-MO 8/8 SRS

AK-219602

Product Number	EAN	Category	Cable Type	Diameter Cable Jacket	Shielding
AK-219604	380627	CAT 6 _A	Round Cable	5.5 ... 6.2 mm	shielded
AK-219603	316817	CAT 6	Round Cable	5.5 ... 6.2 mm	unshielded
AK-219602	316787	CAT 6	Round Cable	5.5 ... 6.2 mm	shielded
A-MO 8/8 SRS	065180	CAT 5e	Round Cable	3.2 ... 5.5 mm	unshielded
A-MO 8/8 SR	065173	CAT 5e	Round Cable	5.5 ... 6.2 mm	shielded
A-MO 6/4 SF	065111	CAT 3	Flat Cable	2.0 ... 3.5 mm	unshielded
A-MO 6/6 SF	065135	CAT 3	Flat Cable	2.0 ... 3.5 mm	unshielded
A-MO 8/8 SF	065159	CAT 3	Flat Cable	2.0 ... 3.5 mm	unshielded

Product Information

Layout Performance:	CAT 6 _A 10GBase-T, CAT 6 1GBase-T, CAT 5e 10/100 Base-T, CAT 3 1GBase-T
Area of Application:	Patch cable manufacturing
Norms:	ISO/IEC 11801 2nd Ed., EN50173-1, EIA/TIA 568-C

General Properties

Available as RJ11, 6P4C/RJ12, 6P6C/RJ45, 8P8C
UL licensed

Technical Properties

Mating cycles:	≥ 750
Connector material:	Polycarbonat, clear
Connector contact:	Phosphor bronze
	Nickel, 0.6 µ gold-plated
Flammability rating:	UL 94V-2

Physical Properties

Insertion force:	≤ 20N - ≤ 30N
Diameter copper conductor:	AWG (27/7 ... 24/7)
Operating temperature	-40 °C to +80 °C
Current carrying capacity:	1A-1,5A at 50 °C

Cross Reference

Multi Modular Crimping Tool	DN-94004
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Kink Protection Sleeves for RJ45 Plugs



Product Number	EAN	Color
A-MOT 8/8	065197	Black
A-MOT/B 8/8	065203	Blue
A-MOT/E 8/8	065210	Grey
A-MOT/G 8/8	065227	Green
A-MOT/R 8/8	065234	Red
A-MOT/Y 8/8	065241	Yellow

General Properties

Operating temperature: -40 °C to +70 °C

Suitable for shielded and unshielded modular plugs

Latch protection



CAT 5e Modular Coupler/Patch Cable Adapter, shielded



AT-AG CX2



AT-AG 2X8/8



DN-93904

Product Number	Assignment	Operating Temperature	Connection	Contact Material	Package Content
AT-AG CX2	1:1, 2:2, 3:3, 4:1, 5:2, 6:6, 7:3, 8:6	-40 °C to +80 °C	2x RJ45 jack	Phosphor bronze	Coupler
AT-AG 2X8/8	1:1	-40 °C to +80 °C	2x RJ45 jack	Phosphor bronze	Coupler
DN-93904	1:1	-40 °C to +80 °C	2x RJ45 jack	Phosphor bronze	Cable Adapter

Technical Properties

Material housing:	ABS halogen-free, UL 94V-0
Contacts coating:	Nickel, 0.5 µ gold-plated
Shielding:	Tinned bronze

Physical Properties

Mating cycles:	≥ 750 (ISO/IEC 11801, IEC 60603-7-5)
Insertion force:	30N max. (IEC 60603-7-5)
Retention strength:	7.7 kg between jack and plug

Modular Coupler


AT-AG 8/8 C6S

DN-93901

AT-A 8/8

Product Number	Category	Shielding	Housing
AT-AG 8/8 C6S	CAT 6	shielded	Metal housing
AT-A 8/8	CAT 5e	unshielded	Plastic housing
DN-93901	CAT 5e	unshielded	Plastic housing

Assignment	Operating temperature	Plug Type	Contact Material	Package Content
1:1	-40 °C to +80 °C	2x RJ45 female	Phosphor bronze	Coupler
1:1	-40 °C to +80 °C	2x RJ45 female	Phosphor bronze	Coupler
1:1	-40 °C to +80 °C	2x RJ45 female	Phosphor bronze	Coupler

Technical Properties

Material housing:	ABS UL 94V-0
Contacts coating:	Nickel, 0.5 µ gold-plated
Shielding:	Bronze with nickel-plated
PCB:	FR4, ABS UL 94V-0
Material contacts:	Phosphor bronze

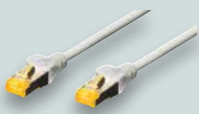
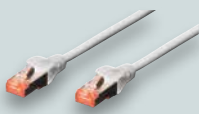
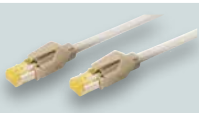
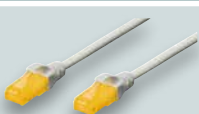
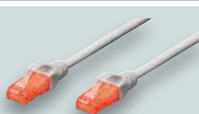
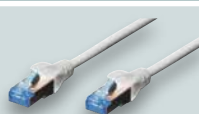
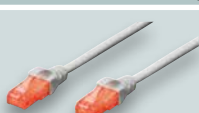
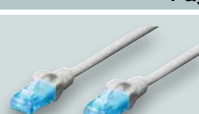
Physical Properties

Mating cycles:	≥ 750 (ISO/IEC 11801, IEC 60603-7-5)
Insertion force:	30N max. (IEC 60603-7-5)
Retention strength:	7.7 kg between jack and plug

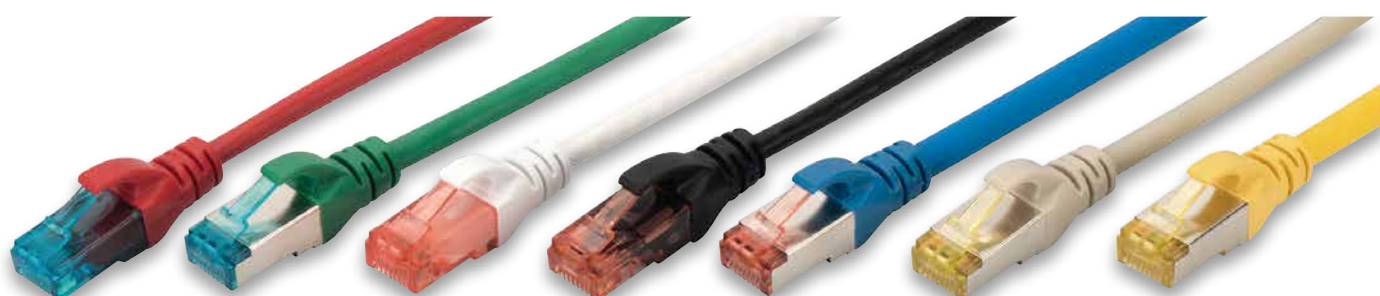
Twisted Pair Patch Cables // Category 6_A to 5e

All DIGITUS® Professional Patch Cables are ISO certified and meet the requirements acc. to EIA/TIA 568-B. A crossover version is available on request. Our range includes shielded and unshielded patch cables from category 6_A over CAT 6 to CAT 5e. Due to colored plugs you can easily identify the category. Thus you will have an overview even on enormous

installation applications. The patch cables are available in the standard colors (grey, blue, black, green, red, yellow), but also special colors like white, orange, brown, purple, etc. are possible. Don't hesitate to get in touch with us so we can discuss your wishes individually. Below you can find an overview which will guide you to the page of each patch cable sort.

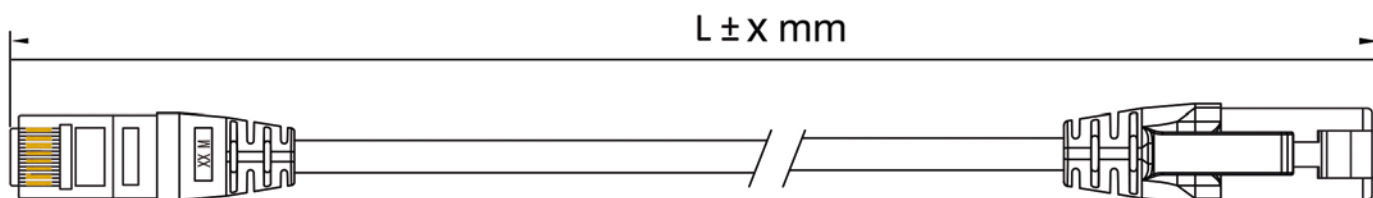
Category 6 _A	Category 6	Category 5e
Page 210  DK-1644-A-xxx Category: 6 _A Shielding: S/FTP Cu, LSZH AWG 26/7	Page 213  DK-1644-xxx Category: 6 Shielding: S/FTP Cu, LSZH AWG 27/7	Page 217  DK-1532-xxx Category: 5e Shielding: SF/UTP PVC AWG 26/7
Page 211  DK-1643-A-xxx DRAKA UC 900 Category: 6 _A Shielding: S/FTP Cu, LSZH, AWG 27/7	Page 214  DK-1644-xxx/BL-OD Category: 6 Shielding: S/FTP Cu, FRPE (Outdoor) AWG 27/7	Page 218  DK-1531-xxx Category: 5e Shielding: SF/UTP Cu, PVC AWG 26/7
Page 212  DK-1613-A-xxx Category: 6 _A Shielding: U/UTP Cu, LSZH AWG 26/7	Page 215  DK-1614-xxx Category: 6 Shielding: U/UTP Cu, PVC AWG 26/7	Page 219  DK-1522-xxx Category: 5e Shielding: F/UTP PVC AWG 26/7
	Page 216  DK-1612-xxx Category: 6 Shielding: U/UTP PVC AWG 26/7	Page 219  DK-1521-xxx Category: 5e Shielding: F/UTP Cu, PVC AWG 26/7
		Page 220  DK-1512-xxx Category: 5e Shielding: U/UTP PVC AWG 26/7
		Page 221  DK-1511-xxx Category: 5e Shielding: U/UTP Cu, PVC AWG 26/7

Patch cables with PUR sheath can be found in the industrial portfolio on page 242-247.



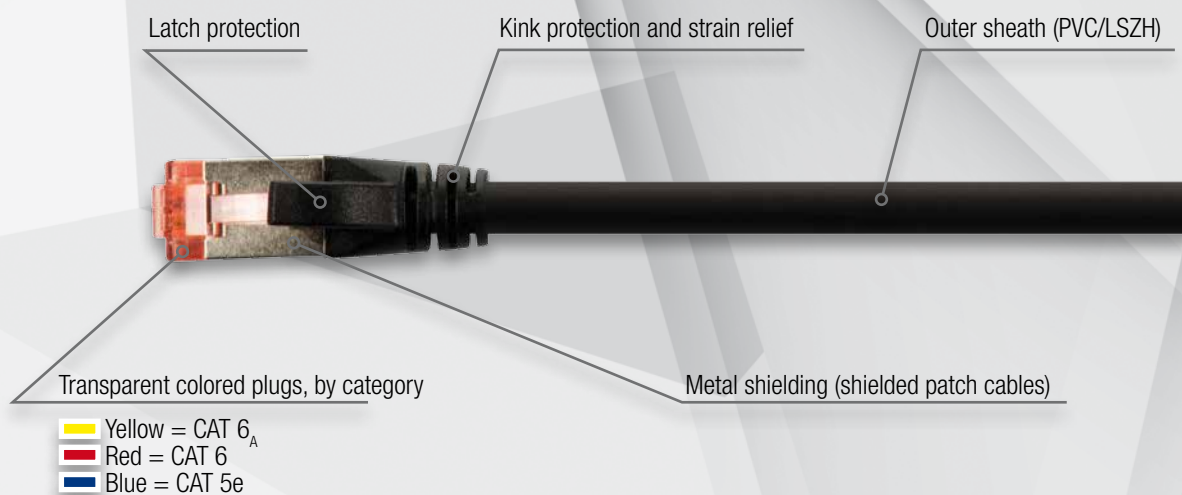
Patch Cables // Length Tolerances

The DIGITUS® Professional Patch Cables are produced by the meter which will be cut into individual lengths before connecting the plugs. In the following chart you can see the actual scope which is allowed in the length (measured from plug to plug).



Length (m)	Tolerance (mm)	Length (m)	Tolerance (mm)
0.15	+20/-6	8	+/-155
0.25	+20/-6	10	+/-200
0.5	+20/-10	12	+/-250
0.75	+20/-13	13	+/-270
1	+/-20	15	+/-310
1.5	+/-30	20	+/-400
2	+/-40	25	+/-500
2.5	+/-50	30	+/-630
3	+/-60	40	+/-840
4	+/-90	50	+/-1000
5	+/-110	70	+/-1300
6	+/-120	75	+/-1500
7	+/-140	100	+/-1800
7.5	+/-150	-	-

Design and Structure of Patch Cables



CAT 6_A S/FTP Patch Cable

- Sheath: LSZH
- Wire cross-section: AWG 26/7
- Conductor: Cu
- Shielding: S/FTP
(complete braid shielding, pairs foil shielded)
- Transparent yellow colored plug with metal shielding
- Boots with kink protection and strain relief

- Latch protection
- Connector: FCC & IEC 60603-7
- Stranded wire: 0.15 +/- 0.002 mm
- Diameter cable jacket: 5.9 +/- 0.15 mm
- Isolation stranded wire: FO-PE
- Operating temperature range: -20 °C to +60 °C
- Flame retardancy: IEC 60332-1, IEC 61034



Length/Color	Grey	Blue	Black	Green	Red	Yellow
0.25 m	DK-1644-A-0025 326021	DK-1644-A-0025/B	DK-1644-A-0025/BL	DK-1644-A-0025/G	DK-1644-A-0025/R	DK-1644-A-0025/Y
0.50 m	DK-1644-A-005 327233	DK-1644-A-005/B	DK-1644-A-005/BL	DK-1644-A-005/G	DK-1644-A-005/R	DK-1644-A-005/Y
1.00 m	DK-1644-A-010 327318	DK-1644-A-010/B	DK-1644-A-010/BL	DK-1644-A-010/G	DK-1644-A-010/R	DK-1644-A-010/Y
2.00 m	DK-1644-A-020 327370	DK-1644-A-020/B	DK-1644-A-020/BL	DK-1644-A-020/G	DK-1644-A-020/R	DK-1644-A-020/Y
3.00 m	DK-1644-A-030 327424	DK-1644-A-030/B	DK-1644-A-030/BL	DK-1644-A-030/G	DK-1644-A-030/R	DK-1644-A-030/Y
5.00 m	DK-1644-A-050 327486	DK-1644-A-050/B	DK-1644-A-050/BL	DK-1644-A-050/G	DK-1644-A-050/R	DK-1644-A-050/Y
7.00 m	DK-1644-A-070 327547	DK-1644-A-070/B	DK-1644-A-070/BL	DK-1644-A-070/G	DK-1644-A-070/R	DK-1644-A-070/Y
10.00 m	DK-1644-A-100 327615	DK-1644-A-100/B	DK-1644-A-100/BL	DK-1644-A-100/G	DK-1644-A-100/R	DK-1644-A-100/Y
15.00 m	DK-1644-A-150 327677	DK-1644-A-150/B	DK-1644-A-150/BL	DK-1644-A-150/G	DK-1644-A-150/R	DK-1644-A-150/Y
20.00 m	DK-1644-A-200 327738	DK-1644-A-200/B	DK-1644-A-200/BL	DK-1644-A-200/G	DK-1644-A-200/R	DK-1644-A-200/Y
25.00 m	DK-1644-A-250 327790	DK-1644-A-250/B	DK-1644-A-250/BL	DK-1644-A-250/G	DK-1644-A-250/R	DK-1644-A-250/Y
30.00 m	DK-1644-A-300 327851	DK-1644-A-300/B	DK-1644-A-300/BL	DK-1644-A-300/G	DK-1644-A-300/R	DK-1644-A-300/Y

Yellow highlighted = Available from stock

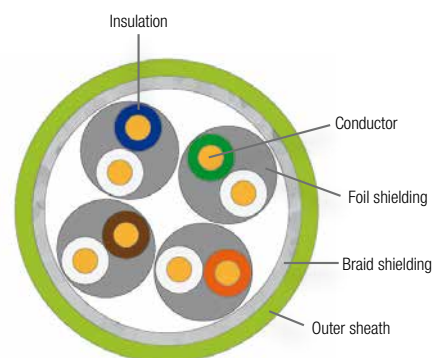
not highlighted = Available on request



CAT 6_A S/FTP Patch Cable

- DRAKA UC900 SS CAT 7 S-FTP PimF
- Sheath: LSZH
- Wire cross-section: AWG 27/7
- Conductor: Cu
- Shielding: S/FTP
(complete braid shielding, pairs foil shielded)
- Transparent yellow colored TM31 Hirose plug with metal shielding

- Boots with kink protection and strain relief
- Latch protection
- Connector: FCC & IEC 60603-7
- Stranded wire: 0.15 +/- 0.002 mm
- Diameter cable jacket: 5.9 +/- 0.15 mm
- Isolation stranded wire: FO-PE
- Operating temperature range: -20 °C to +60 °C
- Flame retardancy: IEC 60332-1, IEC 61034



Length/Color	Grey
0.50 m	DK-1643-A-005 // 296249
1.00 m	DK-1643-A-010 // 296294
2.00 m	DK-1643-A-020 // 296348
3.00 m	DK-1643-A-030 // 296393
5.00 m	DK-1643-A-050 // 296621
10.00 m	DK-1643-A-100 // 296720
15.00 m	DK-1643-A-150 // 312505
20.00 m	DK-1643-A-200 // 2302155

Yellow highlighted =
Available from stock



CAT 6_A U/UTP Patch Cable

- Sheath: LSZH
- Wire cross-section: AWG 26/7
- Conductor: Cu
- Shielding: U/UTP (unshielded)
- Transparent yellow colored plug
- Boots with kink protection and strain relief
- Latch protection

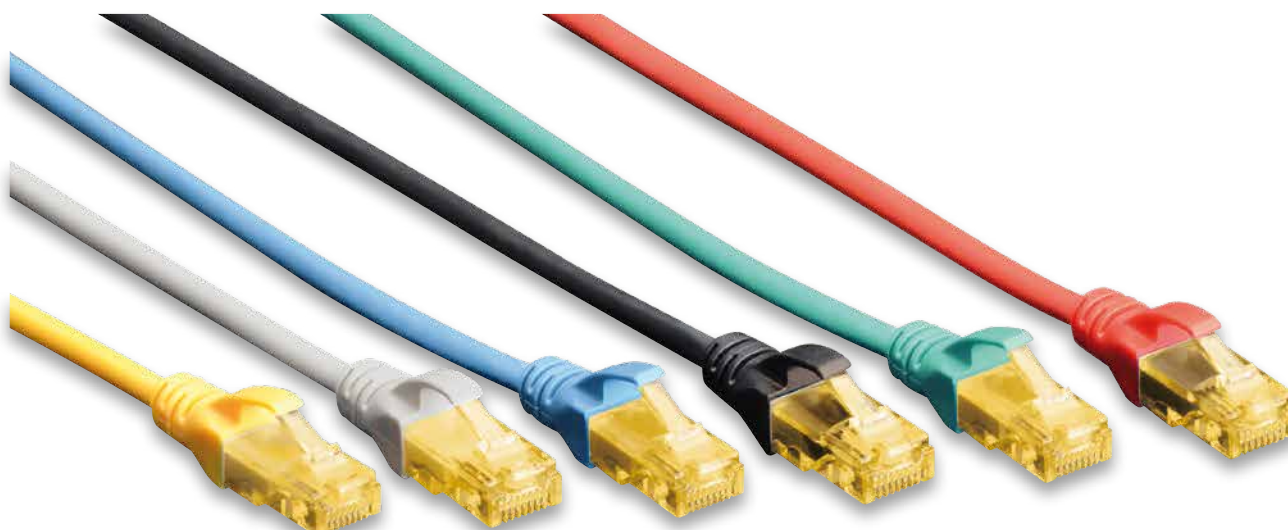
- Connector: FCC & IEC 60603-7
- Stranded wire: 0.155 +/- 0.01 mm
- Diameter cable jacket: 5.0 +/- 0.2 mm
- Isolation stranded wire: HD-PE
- Operating temperature range: -20 °C to +60 °C
- Flame retardancy: IEC 60332-1, IEC 61034



Length/Color	Grey	Blue	Black	Green	Red	Yellow
0.50 m	DK-1613-A-005 378365	DK-1613-A-005/B	DK-1613-A-005/BL	DK-1613-A-005/G	DK-1613-A-005/R	DK-1613-A-005/Y
1.00 m	DK-1613-A-010 371434	DK-1613-A-010/B	DK-1613-A-010/BL	DK-1613-A-010/G	DK-1613-A-010/R	DK-1613-A-010/Y
2.00 m	DK-1613-A-020 371441	DK-1613-A-020/B	DK-1613-A-020/BL	DK-1613-A-020/G	DK-1613-A-020/R	DK-1613-A-020/Y
3.00 m	DK-1613-A-030 371458	DK-1613-A-030/B	DK-1613-A-030/BL	DK-1613-A-030/G	DK-1613-A-030/R	DK-1613-A-030/Y
5.00 m	DK-1613-A-050 371465	DK-1613-A-050/B	DK-1613-A-050/BL	DK-1613-A-050/G	DK-1613-A-050/R	DK-1613-A-050/Y
7.00 m	DK-1613-A-070 371472	DK-1613-A-070/B	DK-1613-A-070/BL	DK-1613-A-070/G	DK-1613-A-070/R	DK-1613-A-070/Y
10.00 m	DK-1613-A-100 371489	DK-1613-A-100/B	DK-1613-A-100/BL	DK-1613-A-100/G	DK-1613-A-100/R	DK-1613-A-100/Y

Yellow highlighted = Available from stock

not highlighted = Available on request



CAT 6, S/FTP Patch Cable

- Sheath: LSZH
- Wire cross-section: AWG 27/7
- Conductor: Cu
- Shielding: S/FTP
(complete braid shielding, pairs foil shielded)
- Transparent red colored plug with metal shielding
- Boots with kink protection and strain relief

- Latch protection
- Connector: FCC & IEC 60603-7
- Stranded wire: 0.13 +/- 0.003 mm
- Diameter cable jacket: 5.9 +/- 0.15 mm
- Isolation stranded wire: FO-PE
- Operating temperature range: -20 °C to +60 °C
- Flame retardancy: IEC 60332-1, IEC 61034



Length/Color	Grey	Blue	Black	Brown	Green	Magenta	Orange	Red	Violet	White	Yellow
0.25 m	DK-1644-0025 321477	DK-1644-0025/B 321484	DK-1644-0025/BL 321491	DK-1644-0025/BR	DK-1644-0025/G 321507	DK-1644-0025/MG	DK-1644-0025/OR	DK-1644-0025/R 321514	DK-1644-0025/VI	DK-1644-0025/WH	DK-1644-0025/Y 321538
0.50 m	DK-1644-005 321546	DK-1644-005/B 321553	DK-1644-005/BL 321578	DK-1644-005/BR	DK-1644-005/G 321593	DK-1644-005/MG	DK-1644-005/OR 321730	DK-1644-005/R 321580	DK-1644-005/VI	DK-1644-005/WH	DK-1644-005/Y 321613
1.00 m	DK-1644-010 321620	DK-1644-010/B 321637	DK-1644-010/BL 321644	DK-1644-010/BR	DK-1644-010/G 321651	DK-1644-010/MG 321766	DK-1644-010/OR 321773	DK-1644-010/R 321668	DK-1644-010/VI	DK-1644-010/WH	DK-1644-010/Y 321689
2.00 m	DK-1644-020 321710	DK-1644-020/B 321729	DK-1644-020/BL 321743	DK-1644-020/BR	DK-1644-020/G 321767	DK-1644-020/MG 321907	DK-1644-020/OR	DK-1644-020/R 321781	DK-1644-020/VI 321916	DK-1644-020/WH	DK-1644-020/Y 321758
3.00 m	DK-1644-030 321842	DK-1644-030/B 321866	DK-1644-030/BL 321880	DK-1644-030/BR	DK-1644-030/G	DK-1644-030/MG 321834	DK-1644-030/OR	DK-1644-030/R 321910	DK-1644-030/VI	DK-1644-030/WH	DK-1644-030/Y 321941
5.00 m	DK-1644-050 321986	DK-1644-050/B 322016	DK-1644-050/BL 322030	DK-1644-050/BR	DK-1644-050/G 322053	DK-1644-050/MG	DK-1644-050/OR	DK-1644-050/R 322030	DK-1644-050/VI	DK-1644-050/WH	DK-1644-050/Y 322064
7.00 m	DK-1644-070 322061	DK-1644-070/B 322078	DK-1644-070/BL 322085	DK-1644-070/BR	DK-1644-070/G 322108	DK-1644-070/MG	DK-1644-070/OR	DK-1644-070/R 322115	DK-1644-070/VI	DK-1644-070/WH	DK-1644-070/Y 322146
10.00 m	DK-1644-100 322189	DK-1644-100/B 322191	DK-1644-100/BL 322214	DK-1644-100/BR	DK-1644-100/G 322221	DK-1644-100/MG	DK-1644-100/OR	DK-1644-100/R 322240	DK-1644-100/VI	DK-1644-100/WH	DK-1644-100/Y 322276
15.00 m	DK-1644-150 322290	DK-1644-150/B	DK-1644-150/BL	DK-1644-150/BR	DK-1644-150/G	DK-1644-150/MG	DK-1644-150/OR	DK-1644-150/R	DK-1644-150/VI	DK-1644-150/WH	DK-1644-150/Y
20.00 m	DK-1644-200 322343	DK-1644-200/B	DK-1644-200/BL	DK-1644-200/BR	DK-1644-200/G	DK-1644-200/MG	DK-1644-200/OR	DK-1644-200/R	DK-1644-200/VI	DK-1644-200/WH	DK-1644-200/Y
25.00 m	DK-1644-250 322425	DK-1644-250/B	DK-1644-250/BL	DK-1644-250/BR	DK-1644-250/G	DK-1644-250/MG	DK-1644-250/OR	DK-1644-250/R	DK-1644-250/VI	DK-1644-250/WH	DK-1644-250/Y
30.00 m	DK-1644-300 322507	DK-1644-300/B	DK-1644-300/BL	DK-1644-300/BR	DK-1644-300/G	DK-1644-300/MG	DK-1644-300/OR	DK-1644-300/R	DK-1644-300/VI	DK-1644-300/WH	DK-1644-300/Y

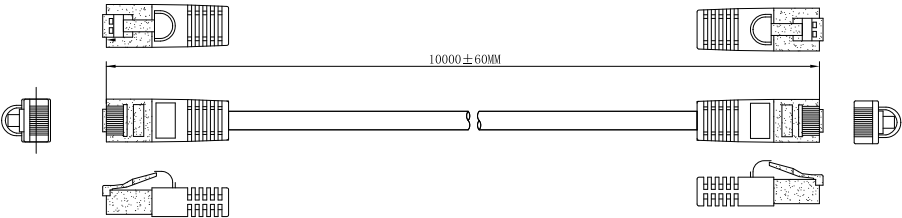
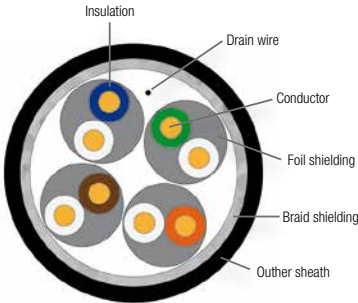
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CAT 6, S/FTP Outdoor Patch Cable

- Sheath: FRPE (Flame Retardant Polyethylene)
 - Wire cross-section: AWG 27/7
 - Conductor: Cu
 - Shielding: S/FTP (complete braid shielding, pairs foil shielded)
 - Inclusive drain wire
 - Transparent plug with metal shielding
 - Boots with kink protection and strain relief
- Latch protection
 - Plug: FCC & IEC 60603-7
 - Stranded wire: 0.140 +/- 0.005 mm
 - Diameter cable jacket: 6.00 +/- 0.20 mm
 - Isolation stranded wire: PE (Polyethylene)
 - Operating temperature range: -30 °C to +80 °C



Length/Color	Black
1.00 m	DK-1644-010/BL-OD // 371311
2.00 m	DK-1644-020/BL-OD // 371342
3.00 m	DK-1644-030/BL-OD // 371350
5.00 m	DK-1644-050/BL-OD // 371373
10.00 m	DK-1644-100/BL-OD // 371380

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CAT 6, U/UTP Patch Cable

- Sheath: PVC
- Wire cross-section: AWG 26/7
- Conductor: Cu
- Shielding: U/UTP (unshielded)
- Transparent red colored plug
- Boots with kink protection and strain relief

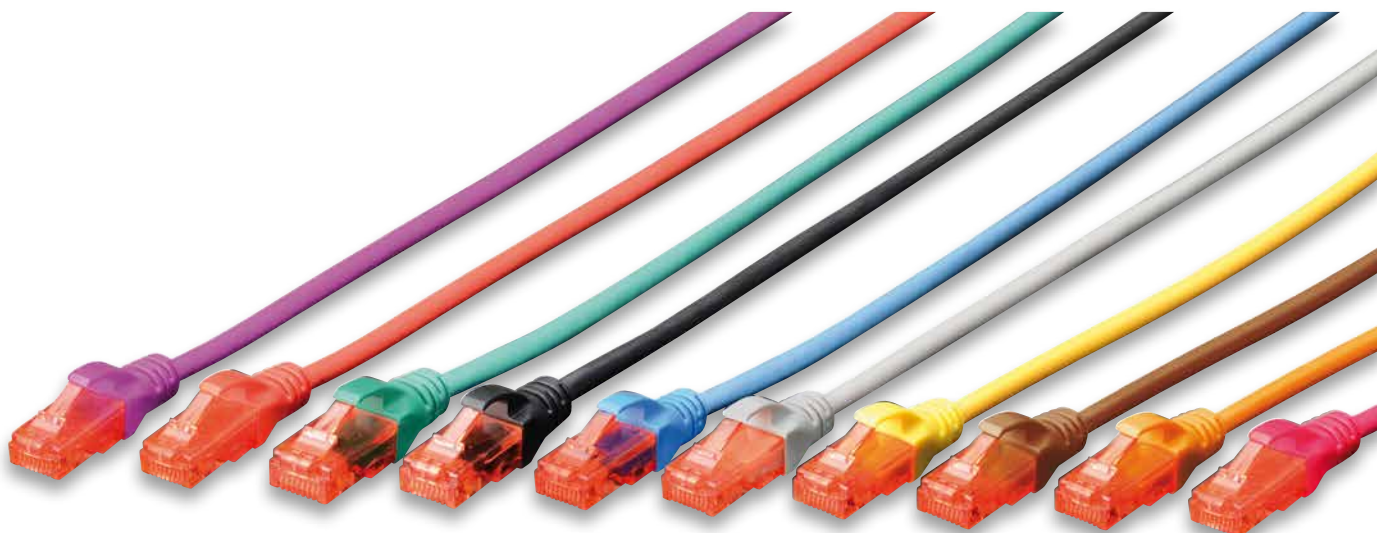
- Latch protection
- Connector: FCC & IEC 60603-7
- Stranded wire: 0.145 +/- 0.015 mm
- Diameter cable jacket: 5.0 +/- 0.15 mm
- Isolation stranded wire: HD-PE
- Operating temperature range: -20 °C to +60 °C



Length/Color	Grey	Blue	Black	Brown	Green	Magenta	Orange	Red	Violet	White	Yellow
0.25 m	DK-1614-0025 321682	DK-1614-0025/B 321705	DK-1614-0025/BL 321736	DK-1614-0025/BR	DK-1614-0025/G 321750	DK-1614-0025/MG	DK-1614-0025/OR	DK-1614-0025/R 321774	DK-1614-0025/VI	DK-1614-0025/WH	DK-1614-0025/Y 321811
0.50 m	DK-1614-005 315766	DK-1614-005/B 315773	DK-1614-005/BL 321836	DK-1614-005/BR	DK-1614-005/G 315780	DK-1614-005/MG	DK-1614-005/OR	DK-1614-005/R 315797	DK-1614-005/VI	DK-1614-005/WH 321839	DK-1614-005/Y 315803
1.00 m	DK-1614-010 315810	DK-1614-010/B 315827	DK-1614-010/BL 321873	DK-1614-010/BR	DK-1614-010/G 315834	DK-1614-010/MG	DK-1614-010/OR	DK-1614-010/R 315841	DK-1614-010/VI	DK-1614-010/WH 321903	DK-1614-010/Y 315858
1.50 m	DK-1614-015 321716	DK-1614-015/B	DK-1614-015/BL	DK-1614-015/BR	DK-1614-015/G	DK-1614-015/MG	DK-1614-015/OR	DK-1614-015/R	DK-1614-015/VI	DK-1614-015/WH	DK-1614-015/Y
2.00 m	DK-1614-020 315865	DK-1614-020/B 315872	DK-1614-020/BL 321927	DK-1614-020/BR	DK-1614-020/G 315889	DK-1614-020/MG	DK-1614-020/OR	DK-1614-020/R 315896	DK-1614-020/VI	DK-1614-020/WH 321959	DK-1614-020/Y 315902
3.00 m	DK-1614-030 315919	DK-1614-030/B 315926	DK-1614-030/BL 321972	DK-1614-030/BR	DK-1614-030/G 315933	DK-1614-030/MG	DK-1614-030/OR	DK-1614-030/R 315940	DK-1614-030/VI	DK-1614-030/WH 321989	DK-1614-030/Y 315937
5.00 m	DK-1614-050 315964	DK-1614-050/B 315971	DK-1614-050/BL 321989	DK-1614-050/BR	DK-1614-050/G 315995	DK-1614-050/MG	DK-1614-050/OR	DK-1614-050/R 316008	DK-1614-050/VI	DK-1614-050/WH 322092	DK-1614-050/Y 316015
7.00 m	DK-1614-070 316023	DK-1614-070/B	DK-1614-070/BL	DK-1614-070/BR	DK-1614-070/G	DK-1614-070/MG	DK-1614-070/OR	DK-1614-070/R	DK-1614-070/VI	DK-1614-070/WH	DK-1614-070/Y
10.00 m	DK-1614-100 316077	DK-1614-100/B 316084	DK-1614-100/BL 322177	DK-1614-100/BR	DK-1614-100/G 316091	DK-1614-100/MG	DK-1614-100/OR	DK-1614-100/R 316107	DK-1614-100/VI	DK-1614-100/WH 322184	DK-1614-100/Y 315988
15.00 m	DK-1614-150 316114	DK-1614-150/B	DK-1614-150/BL	DK-1614-150/BR	DK-1614-150/G	DK-1614-150/MG	DK-1614-150/OR	DK-1614-150/R	DK-1614-150/VI	DK-1614-150/WH	DK-1614-150/Y
20.00 m	DK-1614-200 316169	DK-1614-200/B	DK-1614-200/BL	DK-1614-200/BR	DK-1614-200/G	DK-1614-200/MG	DK-1614-200/OR	DK-1614-200/R	DK-1614-200/VI	DK-1614-200/WH	DK-1614-200/Y
25.00 m	DK-1614-250 316223	DK-1614-250/B	DK-1614-250/BL	DK-1614-250/BR	DK-1614-250/G	DK-1614-250/MG	DK-1614-250/OR	DK-1614-250/R	DK-1614-250/VI	DK-1614-250/WH	DK-1614-250/Y
30.00 m	DK-1614-300 327165	DK-1614-300/B	DK-1614-300/BL	DK-1614-300/BR	DK-1614-300/G	DK-1614-300/MG	DK-1614-300/OR	DK-1614-300/R	DK-1614-300/VI	DK-1614-300/WH	DK-1614-300/Y

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CAT 6, U/UTP Patch Cable

- Sheath: PVC
- Wire cross-section: AWG 26/7
- Shielding: U/UTP (unshielded)
- Transparent red colored plug
- Boots with kink protection and strain relief
- Latch protection

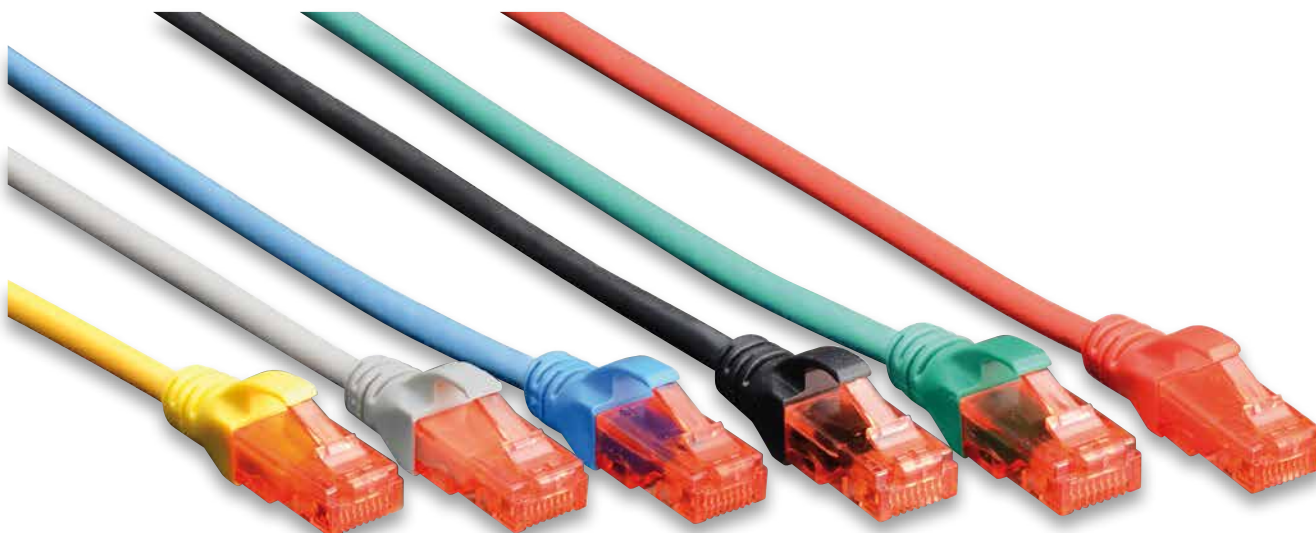
- Connector: FCC & IEC 60603-7
- Stranded wire: 0.155 +/- 0.01 mm
- Diameter cable jacket: 5.0 +/- 0.2 mm
- Isolation stranded wire: HD-PE
- Operating temperature range: -20 °C to +60 °C



Length/Color	Grey	Blue	Black	Green	Red	Yellow
0.50 m	DK-1612-005 371809	DK-1612-005/B 371816	DK-1612-005/BL 371823	DK-1612-005/G 371830	DK-1612-005/R 371847	DK-1612-005/Y 371854
1.00 m	DK-1612-010 371861	DK-1612-010/B 371878	DK-1612-010/BL 371885	DK-1612-010/G 371892	DK-1612-010/R 371908	DK-1612-010/Y 371915
2.00 m	DK-1612-020 371922	DK-1612-020/B 371939	DK-1612-020/BL 371946	DK-1612-020/G 371953	DK-1612-020/R 371960	DK-1612-020/Y 371977
3.00 m	DK-1612-030 371984	DK-1612-030/B 371991	DK-1612-030/BL 372004	DK-1612-030/G 372011	DK-1612-030/R 372028	DK-1612-030/Y 372035
5.00 m	DK-1612-050 372042	DK-1612-050/B 372059	DK-1612-050/BL 372066	DK-1612-050/G 372073	DK-1612-050/R 372080	DK-1612-050/Y 372097
7.00 m	DK-1612-070	DK-1612-070/B	DK-1612-070/BL	DK-1612-070/G	DK-1612-070/R	DK-1612-070/Y
10.00 m	DK-1612-100 372172	DK-1612-100/B 372189	DK-1612-100/BL 372196	DK-1612-100/G 372202	DK-1612-100/R 372219	DK-1612-100/Y 372226
15.00 m	DK-1612-150	DK-1612-150/B	DK-1612-150/BL	DK-1612-150/G	DK-1612-150/R	DK-1612-150/Y
20.00 m	DK-1612-200	DK-1612-200/B	DK-1612-200/BL	DK-1612-200/G	DK-1612-200/R	DK-1612-200/Y

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CAT 5e, SF/UTP Patch Cable

- Sheath: PVC
- Wire cross-section: AWG 26/7
- Shielding: SF/UTP (complete foil- and braid shielding, pairs unshielded)
- Transparent blue colored plug with metal shielding
- Boots with kink protection and strain relief
- Latch protection
- Connector: FCC & IEC 60603-7
- Stranded wire: 0.155 +/- 0.001 mm
- Diameter cable jacket: 5.2 +/- 0.15 mm
- Isolation stranded wire: HD-PE
- Operating temperature range: -20 °C to +60 °C



Length/Color	Grey	Blue	Black	Green	Red	White	Yellow
0.25 m	DK-1532-0025	DK-1532-0025/B	DK-1532-0025/BL	DK-1532-0025/G	DK-1532-0025/R	DK-1532-0025/WH	DK-1532-0025/Y
0.50 m	DK-1532-005 199703	DK-1532-005/B 199618	DK-1532-005/BL 321057	DK-1532-005/G 199649	DK-1532-005/R 199625	DK-1532-005/WH	DK-1532-005/Y 199632
1.00 m	DK-1532-010 199656	DK-1532-010/B 199731	DK-1532-010/BL 321163	DK-1532-010/G 200000	DK-1532-010/R 199816	DK-1532-010/WH	DK-1532-010/Y 199922
2.00 m	DK-1532-020 199663	DK-1532-020/B 199746	DK-1532-020/BL 321323	DK-1532-020/G 200024	DK-1532-020/R 199823	DK-1532-020/WH	DK-1532-020/Y 199939
3.00 m	DK-1532-030 199670	DK-1532-030/B 199755	DK-1532-030/BL 321408	DK-1532-030/G 200048	DK-1532-030/R 199830	DK-1532-030/WH	DK-1532-030/Y 199946
5.00 m	DK-1532-050 199687	DK-1532-050/B 199762	DK-1532-050/BL 321582	DK-1532-050/G 200055	DK-1532-050/R 199847	DK-1532-050/WH	DK-1532-050/Y 199953
7.00 m	DK-1532-070	DK-1532-070/B	DK-1532-070/BL	DK-1532-070/G	DK-1532-070/R	DK-1532-070/WH	DK-1532-070/Y
10.00 m	DK-1532-100 199700	DK-1532-100/B	DK-1532-100/BL	DK-1532-100/G	DK-1532-100/R	DK-1532-100/WH	DK-1532-100/Y
15.00 m	DK-1532-150 199717	DK-1532-150/B	DK-1532-150/BL	DK-1532-150/G	DK-1532-150/R	DK-1532-150/WH	DK-1532-150/Y
20.00 m	DK-1532-200 199724	DK-1532-200/B	DK-1532-200/BL	DK-1532-200/G	DK-1532-200/R	DK-1532-200/WH	DK-1532-200/Y
25.00 m	DK-1532-250	DK-1532-250/B	DK-1532-250/BL	DK-1532-250/G	DK-1532-250/R	DK-1532-250/WH	DK-1532-250/Y
30.00 m	DK-1532-300 321378	DK-1532-300/B	DK-1532-300/BL	DK-1532-300/G	DK-1532-300/R	DK-1532-300/WH	DK-1532-300/Y

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CAT 5e SF/UTP Patch Cable

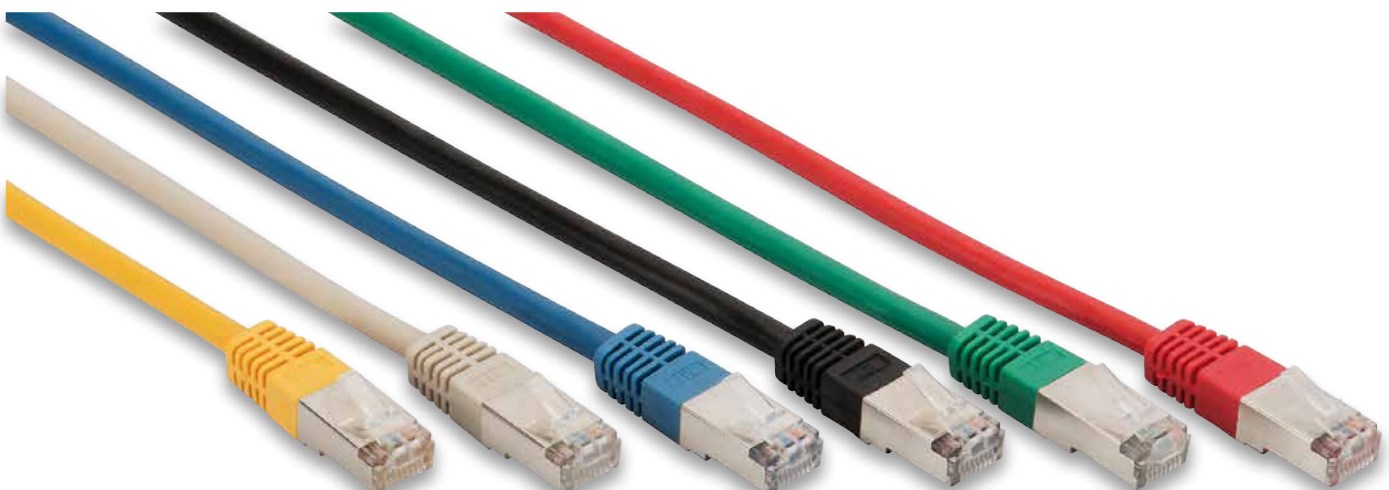
- Sheath: PVC
- Wire cross-section: AWG 26/7
- Conductor: Cu
- Shielding: SF/UTP (complete foil- and braid shielding, pairs unshielded)
- Transparent plug with metal shielding
- Boots with kink protection and strain relief
- Connector: FCC & IEC 60603-7
- Stranded wire: 0.145 +/- 0.001 mm
- Diameter cable jacket: 5.2 +/- 0.15 mm
- Isolation stranded wire: HD-PE
- Operating temperature range: -20 °C to +60 °C



Length/Color	Grey	Blue	Black	Green	Red	White	Yellow
0.25 m	DK-1531-0025 288589	DK-1531-0025/B	DK-1531-0025/BL	DK-1531-0025/G	DK-1531-0025/R	DK-1531-0025/WH	DK-1531-0025/Y
0.30 m	DK-1531-003	DK-1531-003/B	DK-1531-003/BL	DK-1531-003/G	DK-1531-003/R	DK-1531-003/WH	DK-1531-003/Y
0.50 m	DK-1531-005 212249	DK-1531-005/B 213703	DK-1531-005/BL 213710	DK-1531-005/G 213727	DK-1531-005/R 213734	DK-1531-005/WH	DK-1531-005/Y 213741
1.00 m	DK-1531-010 213079	DK-1531-010/B 213758	DK-1531-010/BL 213765	DK-1531-010/G 213772	DK-1531-010/R 213789	DK-1531-010/WH	DK-1531-010/Y 213796
1.50 m	DK-1531-015	DK-1531-015/B	DK-1531-015/BL	DK-1531-015/G	DK-1531-015/R	DK-1531-015/WH	DK-1531-015/Y
2.00 m	DK-1531-020 213086	DK-1531-020/B 213802	DK-1531-020/BL 213826	DK-1531-020/G 213819	DK-1531-020/R 213833	DK-1531-020/WH	DK-1531-020/Y 213840
3.00 m	DK-1531-030 213093	DK-1531-030/B 213857	DK-1531-030/BL 213871	DK-1531-030/G 213864	DK-1531-030/R 213888	DK-1531-030/WH	DK-1531-030/Y 213895
5.00 m	DK-1531-050 213109	DK-1531-050/B 213901	DK-1531-050/BL 213918	DK-1531-050/G 213925	DK-1531-050/R 213932	DK-1531-050/WH	DK-1531-050/Y 213949
7.00 m	DK-1531-070 213116	DK-1531-070/B	DK-1531-070/BL	DK-1531-070/G	DK-1531-070/R	DK-1531-070/WH	DK-1531-070/Y
10.00m	DK-1531-100 213123	DK-1531-100/B 214007	DK-1531-100/BL 214014	DK-1531-100/G 214021	DK-1531-100/R 214038	DK-1531-100/WH	DK-1531-100/Y 214045
15.00 m	DK-1531-150 213130	DK-1531-150/B	DK-1531-150/BL	DK-1531-150/G	DK-1531-150/R	DK-1531-150/WH	DK-1531-150/Y
20.00 m	DK-1531-200 213147	DK-1531-200/B	DK-1531-200/BL	DK-1531-200/G	DK-1531-200/R	DK-1531-200/WH	DK-1531-200/Y
25.00 m	DK-1531-250	DK-1531-250/B	DK-1531-250/BL	DK-1531-250/G	DK-1531-250/R	DK-1531-250/WH	DK-1531-250/Y
30.00 m	DK-1531-300 213154	DK-1531-300/B	DK-1531-300/BL	DK-1531-300/G	DK-1531-300/R	DK-1531-300/WH	DK-1531-300/Y
50.00 m	DK-1531-500	DK-1531-500/B	DK-1531-500/BL	DK-1531-500/G	DK-1531-500/R	DK-1531-500/WH	DK-1531-500/Y

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Available on request



CAT 5e, F/UTP Patch Cable

- Sheath: PVC
- Wire cross-section: AWG 26/7
- Shielding: F/UTP (complete foil shielding, pairs unshielded)
- Transparent blue colored plug with metal shielding
- Boots with kink protection and strain relief
- Latch protection

- Connector: FCC & IEC 60603-7
- Stranded wire: 0.155 +/- 0.001 mm
- Diameter cable jacket: 5.2 +/- 0.15 mm
- Isolation stranded wire: HD-PE
- Operating temperature range: -20 °C to +60 °C



Length/Color	Grey
0.25 m	DK-1522-0025
0.50 m	DK-1522-005 // 198637
1.00 m	DK-1522-010 // 199175
2.00 m	DK-1522-020 // 199112
3.00 m	DK-1522-030 // 199199
5.00 m	DK-1522-050 // 199205
7.00 m	DK-1522-070 // 199212
10.00 m	DK-1522-100 // 199229
15.00 m	DK-1522-150
20.00 m	DK-1522-200 // 199243
25.00 m	DK-1522-250
30.00 m	DK-1522-300 // 321224

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not highlighted = Available on request



CAT 5e, F/UTP Patch Cable

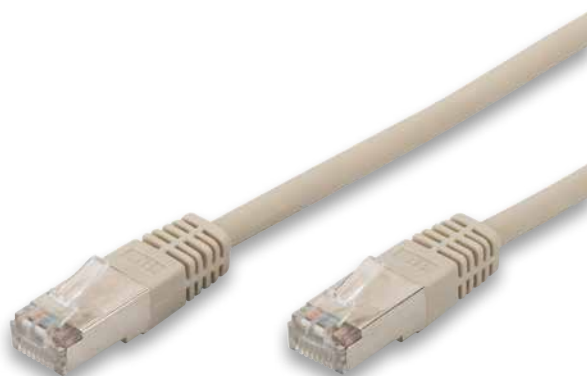
- Sheath: PVC
- Wire cross-section: AWG 26/7
- Conductor: Cu
- Shielding: F/UTP (complete foil shielding, pairs unshielded)
- Transparent plug with metal shielding
- Boots with kink protection and strain relief

- Connector: FCC & IEC 60603-7
- Stranded wire: 0.145 +/- 0.001 mm
- Diameter cable jacket: 5.2 +/- 0.15 mm
- Isolation stranded wire: HD-PE
- Operating temperature range: -20 °C up to +60 °C



Length/Color	Grey
0.25 m	DK-1521-0025 // 288510
0.50 m	DK-1521-005 // 212232
1.00 m	DK-1521-010 // 212366
2.00 m	DK-1521-020 // 212973
3.00 m	DK-1521-030 // 212980
5.00 m	DK-1521-050 // 212997
7.00 m	DK-1521-070 // 213000
10.00 m	DK-1521-100 // 213017
15.00 m	DK-1521-150 // 213034
20.00 m	DK-1521-200 // 213031
30.00 m	DK-1521-300 // 213048
50.00 m	DK-1521-500 // 213055

Yellow highlighted = Available from stock



CAT 5e, U/UTP Patch Cable

- Sheath: PVC
- Wire cross-section: AWG 26/7
- Shielding: U/UTP (unshielded)
- Transparent blue colored plug
- Boots with kink protection and strain relief
- Latch protection

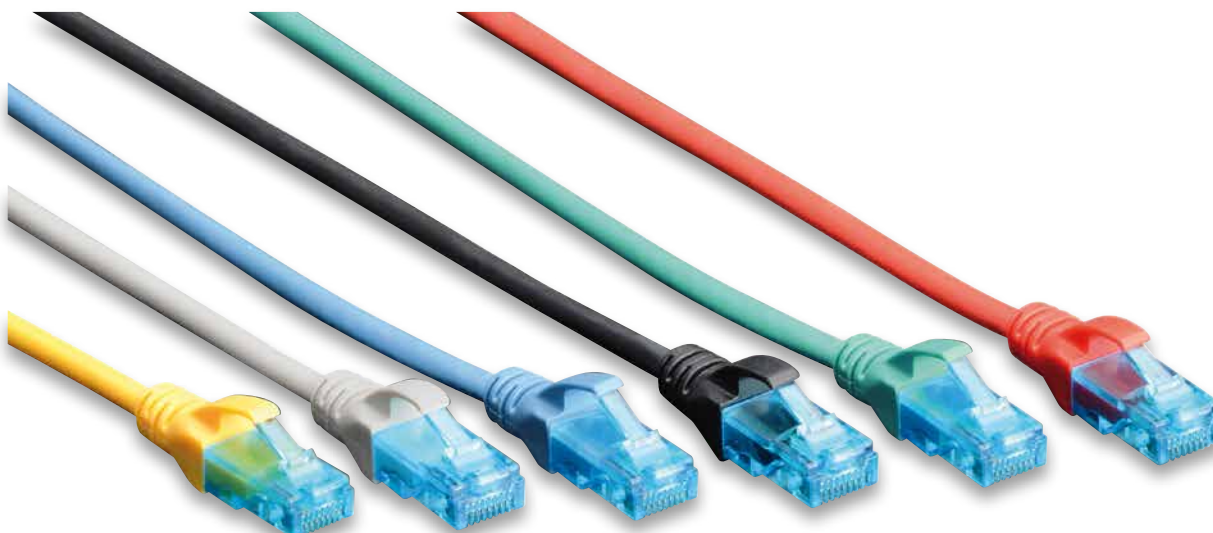
- Connector: FCC & IEC 60603-7
- Stranded wire: 0.155 +/- 0.001 mm
- Diameter cable jacket: 4.8 +/- 0.15 mm
- Isolation stranded wire: HD-PE
- Operating temperature range: -20 °C to +60 °C



Length/Color	Grey	Blue	Black	Green	Red	White	Yellow
0.25 m	DK-1512-0025 317340	DK-1512-0025/B	DK-1512-0025/BL	DK-1512-0025/G	DK-1512-0025/R	DK-1512-0025/WH	DK-1512-0025/Y
0.50 m	DK-1512-005 198673	DK-1512-005/B 198680	DK-1512-005/BL 320722	DK-1512-005/G 198925	DK-1512-005/R 198901	DK-1512-005/WH 317562	DK-1512-005/Y 198918
1.00 m	DK-1512-010 198710	DK-1512-010/B 198819	DK-1512-010/BL 317838	DK-1512-010/G 199090	DK-1512-010/R 198932	DK-1512-010/WH 317852	DK-1512-010/Y 199014
1.50 m	DK-1512-015	DK-1512-015/B	DK-1512-015/BL	DK-1512-015/G	DK-1512-015/R	DK-1512-015/WH	DK-1512-015/Y
2.00 m	DK-1512-020 198734	DK-1512-020/B 198826	DK-1512-020/BL 318026	DK-1512-020/G 199106	DK-1512-020/R 198949	DK-1512-020/WH 318033	DK-1512-020/Y 199021
2.50 m	DK-1512-025	DK-1512-025/B	DK-1512-025/BL	DK-1512-025/G	DK-1512-025/R	DK-1512-025/WH	DK-1512-025/Y
3.00 m	DK-1512-030 198741	DK-1512-030/B 198833	DK-1512-030/BL 318125	DK-1512-030/G 199113	DK-1512-030/R 198956	DK-1512-030/WH 318132	DK-1512-030/Y 199038
5.00 m	DK-1512-050 198758	DK-1512-050/B 198840	DK-1512-050/BL 320730	DK-1512-050/G 199120	DK-1512-050/R 198963	DK-1512-050/WH 318262	DK-1512-050/Y 199045
7.00 m	DK-1512-070 198765	DK-1512-070/B	DK-1512-070/BL	DK-1512-070/G	DK-1512-070/R	DK-1512-070/WH	DK-1512-070/Y
10.00 m	DK-1512-100 198772	DK-1512-100/B 198864	DK-1512-100/BL 318477	DK-1512-100/G 199144	DK-1512-100/R 198987	DK-1512-100/WH 318491	DK-1512-100/Y 199069
15.00 m	DK-1512-150 198789	DK-1512-150/B	DK-1512-150/BL	DK-1512-150/G	DK-1512-150/R	DK-1512-150/WH	DK-1512-150/Y
20.00 m	DK-1512-200 198796	DK-1512-200/B	DK-1512-200/BL	DK-1512-200/G	DK-1512-200/R	DK-1512-200/WH	DK-1512-200/Y
25.00 m	DK-1512-250	DK-1512-250/B	DK-1512-250/BL	DK-1512-250/G	DK-1512-250/R	DK-1512-250/WH	DK-1512-250/Y
30.00 m	DK-1512-300 318651	DK-1512-300/B	DK-1512-300/BL	DK-1512-300/G	DK-1512-300/R	DK-1512-300/WH	DK-1512-300/Y

Yellow highlighted =
Available from stock

not highlighted =
Available on request



CAT 5e, U/UTP Patch Cable

- Sheath: PVC
- Wire cross-section: AWG 26/7
- Conductor: Cu
- Shielding: U/UTP (unshielded)
- Transparent plug
- Boots with kink protection and strain relief

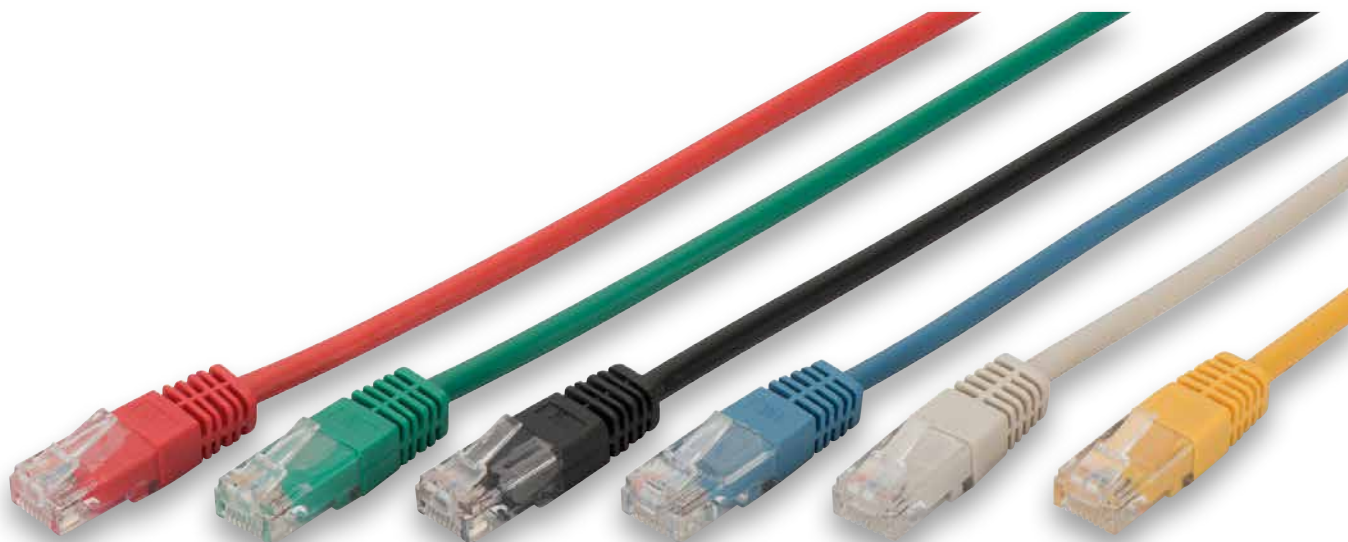
- Connector: FCC & IEC 60603-7
- Stranded wire: 0.145 +/- 0.001 mm
- Diameter cable jacket: 4.8 +/- 0.15 mm
- Isolation stranded wire: HD-PE
- Operating temperature range: -20 °C to +60 °C



Length/Color	Grey	Blue	Black	Green	Red	White	Yellow
0.25 m	DK-1511-0025 288435	DK-1511-0025/B	DK-1511-0025/BL	DK-1511-0025/G	DK-1511-0025/R	DK-1511-0025/WH	DK-1511-0025/Y
0.50 m	DK-1511-005 212119	DK-1511-005/B	DK-1511-005/BLACK	DK-1511-005/G	DK-1511-005/R	DK-1511-005/WH	DK-1511-005/Y
1.00 m	DK-1511-010 212102	DK-1511-010/B	DK-1511-010/BLACK	DK-1511-010/G	DK-1511-010/R	DK-1511-010/WH	DK-1511-010/Y
1.50 m	DK-1511-015 212133	DK-1511-015/B	DK-1511-015/BLACK	DK-1511-015/G	DK-1511-015/R	DK-1511-015/WH	DK-1511-015/Y
2.00 m	DK-1511-020 212140	DK-1511-020/B	DK-1511-020/BLACK	DK-1511-020/G	DK-1511-020/R	DK-1511-020/WH	DK-1511-020/Y
3.00 m	DK-1511-030 212157	DK-1511-030/B	DK-1511-030/BLACK	DK-1511-030/G	DK-1511-030/R	DK-1511-030/WH	DK-1511-030/Y
5.00 m	DK-1511-050 212164	DK-1511-050/B	DK-1511-050/BLACK	DK-1511-050/G	DK-1511-050/R	DK-1511-050/WH	DK-1511-050/Y
7.00 m	DK-1511-070 212171	DK-1511-070/B	DK-1511-070/BLACK	DK-1511-070/G	DK-1511-070/R	DK-1511-070/WH	DK-1511-070/Y
10.00 m	DK-1511-100 212188	DK-1511-100/B	DK-1511-100/BLACK	DK-1511-100/G	DK-1511-100/R	DK-1511-100/WH	DK-1511-100/Y
15.00 m	DK-1511-150 212195	DK-1511-150/B	DK-1511-150/BLACK	DK-1511-150/G	DK-1511-150/R	DK-1511-150/WH	DK-1511-150/Y
20.00 m	DK-1511-200 212201	DK-1511-200/B	DK-1511-200/BLACK	DK-1511-200/G	DK-1511-200/R	DK-1511-200/WH	DK-1511-200/Y
25.00 m	DK-1511-250 212218	DK-1511-250/B	DK-1511-250/BLACK	DK-1511-250/G	DK-1511-250/R	DK-1511-250/WH	DK-1511-250/Y
30.00 m	DK-1511-300 212225	DK-1511-300/B	DK-1511-300/BLACK	DK-1511-300/G	DK-1511-300/R	DK-1511-300/WH	DK-1511-300/Y

Yellow highlighted =
Available from stock

not highlighted =
Available on request



FLUKE DSX-5000 Cable Analyzer, Copper & Fiber Optic



Product Number	EAN	Display	Package Content
ACT-DSX-5000-QI	378877	LCD with Touchscreen	Versiv Main, Remote, DSX Copper Modules, DSX Permanent Link Adapter, CertiFiber Pro Quad OLTS Modules, Charger, Earphones, Fiber Optic Patch Cable, Software CD, Bag

Product Information

Area of Application:	Testing, analyzing, failure detection of shielded and unshielded patch cables, testing of fiber optic cabling
Norms:	IEC WG9 Standard IEC61935-1, 11801-1-4
	IEEE 802.3af, IEEE 802.3at, ANSI/TIA/EIA-568-C.2
	IEEE 802.3, TIA TR42.7, TIA CAT 3, 4, 5, 5e, 6, 6A
	ISO/IEC Class C, D, E, Ea, F, FA certificate according to ISO/IEC 11801:2002 and changes

General Properties

Display:	5.7 in LCD display with a projected capacitance touchscreen
Housing:	Plastic with shock absorbing overmold
Main device dimensions:	6.67x13.33x27.94 cm
Weight:	1.28 kg
Battery:	7.2V lithium ion
Life of battery:	8 hours
Battery charging time:	4 hours
Language supported:	English, French, German, Spanish, Portuguese, Italian, Japanese and simplified Chinese

Technical Properties

Frequency:	1200 MHz
Autotest Category 5e or 6/ Class D or E:	9 seconds
Autotest Category 6A, Class EA:	10 seconds
Autotest LC/LC, SC/LC:	10 seconds
Test Parameter:	Wire map, length, propagation delay, delay skew, DC loop resistance, insertion loss, return loss, NEXT, ACR-N, ACR-F ELFEXT, NEXT, ACR-N, PS ANEXT, PS AACR-F
Calibration:	1 year

Protected against continuous telco voltages and 100 mA over-current

Permanent link adapter - female RJ45 shielded

Channel link adapter - female RJ45 shielded

LC/LC simplex adaptor

SC/LC EF-compliant MM TRC Kit 50 µm

SC/LC SM TRC kit

FLUKE DSX-5000 Cable Analyzer, Copper



Product Number	EAN	Display	Package Content
ACT-DSX-5000	349457	LCD with Touchscreen	Versiv Main, Remote, DSX Copper Modules, DSX Permanent Link Adapter, Charger, Earphones, Software CD, Bag

Product Information	
Area of Application:	Testing, analyzing, failure detection of shielded and unshielded patch cables
Norms:	IEC WG9 Standard IEC61935-1, 11801-1-4
	IEEE 802.3af, IEEE 802.3at, ANSI/TIA/EIA-568-C.2
	IEEE 802.3, TIA TR42.7, TIA CAT 3, 4, 5, 5e, 6, 6A
	ISO/IEC Class C, D, E, Ea, F, FA certificate according to ISO/IEC 11801:2002 and changes

General Properties	
Display:	5.7 in LCD display with a projected capacitance touchscreen
Housing:	Plastic with show absorbing overmold
Main device dimensions:	6.67x13.33x27.94 cm
Weight:	1.28 kg
Battery:	7.2V lithium ion
Life of battery:	8 Hours
Battery charging time:	4 Hours
Language supported:	English, French, German, Spanish, Portuguese, Italian, Japanese and simplified Chinese

Technical Properties	
Autotest Category 5e or 6 / Class D or E:	9 seconds
Autotest Category 6 _A Class E _A :	10 seconds
Test Parameter:	Wire map, length, propagation delay, delay skew, DC loop resistance, insertion loss, return loss, NEXT, ACR-N, ACR-F ELFEXT ACR-F ELFEXT, NEXT, ACR-N, PS ANEXT, PS AACR-F
Calibration:	1 year

Permanent Link Adapter - female RJ45 shielded
Channel Link Adapter - female RJ45 shielded
Protected against continuous telco voltages and 100 mA over-current

Fluke MicroScanner² Cable Tester Professional Kit



Product Number	EAN	Display	Package Content
ACT-MS2-KIT	358893	LC Display	IntelliTone Pro 200 Probe, MicroScanner2 Cable Verifier, Patch Cable, F Coax Patch Cable, Software CD, Bag
ACT-MS2-100	290827	LC Display	MicroScanner ² Cable Verifier with Wiremap-Adapter, Software CD, Bag

Product Information

Area of Application:	Verifies voice/data/video cable
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General Properties

Display:	Monochrome liquid crystal display
Housing:	Plastic with show absorbing overmold
Dimensions:	7.6x16.3x3.6 cm
Weight:	363 g
Battery:	2x AA-Alkaline
Battery life:	Up to 20 hours of typical use
Package Content:	MicroScanner ² Cable Verifier with main wiremap adapter

IntelliTone Pro 200 probe

Accessory soft pouch

Fluke Networks carry case

Remote identifiers #2-7

Shielded twisted pair RJ45 patch cord

RJ11 patch cord

Clip-set RJ45 to 8 alligator clip bare wire adapter

F Coax push on patch cord

Technical Properties

Test Connectors:	Twisted Pair (UTP, FTP, SSTP)
	RJ45 and RJ11 Coaxial (F-plug; 75 Ω, 50 Ω, 93 Ω)
IntelliTone toning:	Locates virtually any cable or wire pair with IntelliTone digital and analog toning
VDV service detection:	User-configurable NVP for twisted pair and coax
Calibration:	Determines actual NVP with known length of cable
Operation temperature:	0 °C to 45 °C

Fluke Cable IQ Tester



Product Number	EAN	Package Content
ACT-CIQ-100	290810	Cable IQ Tester, Remote Adapter, Bag
Product Information		
Area of Application:	Wiremap, length, cable signal performance, digital toner, analog toner, Ethernet port detection and identification, analog telephone detection, blink port light, continuity, speaker test, cable fault finding, video signal detection	
General Properties		
Display:	Monochrome liquid crystal display (LCD) with backlight	
Housing:	Plastic with shock absorbing overmold	
Dimensions:	17.8x8.9x4.5 cm	
Weight:	0.55 kg	
Battery:	4x AA alkaline	
Battery life:	Up to 20 hours of typical use	
Technical Properties		
Cable types supported:	UTP, STP, FTP, SFTP, RG6, RG59, audio	
Qualification autotests:	1000BASE-T, 100BASE-TX, 10BASE-T, VoIP, 1394b S100, TELCO, Wiremap only, Coax	
Result storage:	Up to 250 qualification test results	

Fluke IntelliTone Pro 200 Kit



Product Number	EAN	Package Content
ACT-MT-8200-60A	290803	IntelliTone 200 Toner and 200 Probe Coax-F-Adapter, Software CD

Product Information	
Area of Application:	Confirms cable location, locates cables on active network

General Properties	
Dimensions:	Toner: 14.1x7.5x3.2 cm
	Probe: 22.2x4.8x3.2 cm
Battery:	Alkaline, 9V
Battery life:	Up to 20 hours of typical use

Technical Properties	
Toner	
Interface:	Main Mod8 port for tone generation on all 4 pairs
	UTP / STP cabling, F connector for coaxial cabling, banana jack plugs, two conductor wiring
Frequency:	500-1200 Hz, 4 songs
Talk battery voltage:	6V into 600 W
Output power:	5V p-p
Voltage protection:	100V
Auto power down:	After 2.5 hours of inactivity
Probe	
Microprocessor controlled audio files	
Analog:	Detected toner signal
Tone detection:	Detects IntelliTone™ digital signal
Auto power down:	After one hour of inactivity

Fluke Analog Tone Kit



Product Number	EAN	Package Content
ACT-PRO 3000	291275	Pro3000 Analog-Toner

Product Information	
Area of Application:	Toning and tracing wire on non-active networks

General Properties	
Dimensions:	Tone: 6.9x6.1x3.6 cm
	Probe: 24.9x4.1x3.3 cm
Battery:	9V alkaline
Battery life:	Up to 20 hours of typical use

Technical Properties	
Frequency:	1000 Hz nominal
Alternating frequency:	1000/1500 Hz nominal
Over voltage protection:	60V DC in Toner/Polarity Mode
Output power in tone mode:	8 dBm into 600 ohms
Output voltage level in continuity mode:	8V DC
Temperature operating:	-20 °C to 60 °C

Network Cable Tester



Product Number	EAN	Display	Package Content
DN-14001	126454	LED display	Main and Remote Unit

Product Information	
Area of Application:	Testing of network cables

Technical Properties	
Main device connector:	2x RJ45 female
Remote-device connector:	1x RJ45 female
Test function for cables with RJ45, RJ12, RJ11 and BNC plugs	
Auto-scan and step by step testing	
Testing and localising of already laid network or communication cables	
Continuity testing of network or communication cables	
Localising of disconnected single wires	
Identification of non-conform wire assignment	
Pin to pin configuration	

Premium Network Cable Tester



Product Number	EAN	Display	Package Content
ACT-LCS-400	079248	LED display	Main and Remote Unit

Product Information	
Area of Application:	Inspection of network cabling

Technical Properties	
Main device connector:	2x RJ45
Remote unit:	1x RJ45
Test connectors:	10(100)Base-T, Token Ring, TP-PMD, AT&T 258A, EIA/TIA-568A/B USOC, 10Base-2 (BNC)
Four additional user test modes can be configured	
Tests assignment, pairs, connection and shielding	
Terminator loopback test, cable testing with up to 16 remote units	
Automatic cable identification	

Modular Cable Tester

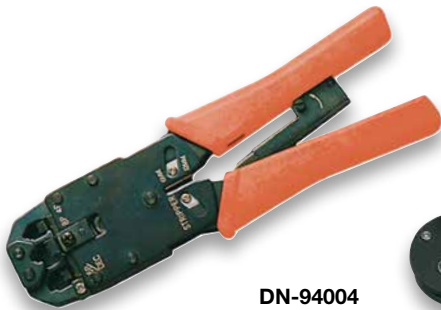


Product Number	EAN	Display	Delivery Content
ACT-LAN-CT	126096	LED display	Main and Remote Unit
Product Information			
Area of Application:		Testing network cabling	
Technical Properties			
Main device connector:		2x RJ45 female	
Remote-device connector:		1x RJ45 female	
Test function for cables with RJ45, RJ12, RJ11 plugs			
Testing and localising of already laid network or communication cables			
Continuity testing of network or communication cables			
Localising of disconnected single wires			
Identification of non-conform wire assignment			
Incl. BNC Adapter			



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Modular/Coaxial Crimping Tools



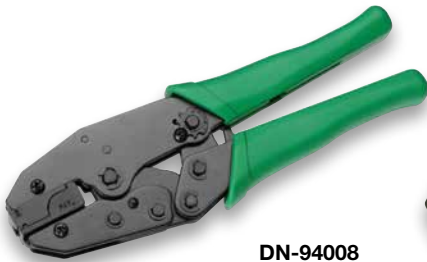
DN-94004



DN-94005



DN-94007



DN-94008



DN-94009



A-975110

Product Number	EAN	Plug Type
DN-94004	261681	8P8C, 6P6C, 6P4C, 4P4C, 4P2C, 6P6C
DN-94005	261698	8P8C
DN-94007	261711	6P4C, 8P8C
DN-94008	261728	TM11, TM21, TM31
DN-94009	261742	RG58, RG59, RG62
A-975110	158851	6P4C, 8P8C

Product Information

Area of Application: For crimping modular and coaxial plugs as well as stripping insulation and cable cutting

General Properties

Inner/outer diameter: 0.3-0.7 mm/5-15 mm

Quick and easy installation

Ergonomic handle

Robust metal design

Incl. stripper and cutter

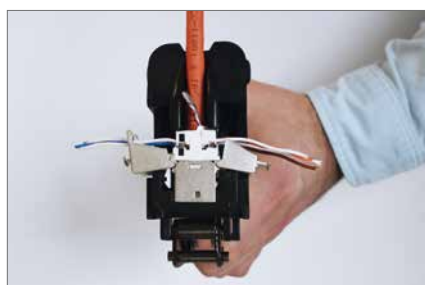
Crimping Tool for DIGITUS® Keystone Modules



DN-94021



DN-94020



Product Number	EAN	Set	Package Content
DN-94020	343240	Adapter for DN-93615	1x Pliers DN-94016, 2x Tool Heads
DN-94021	343479	Adapter for DN-93615, DN-93616	1x Pliers DN-94016, 2x Tool Heads
DN-94017	343165	Adapter for DN-93617	1x Tool Head

Product Information

Area of Application: Easy crimping for pre-assembled Keystone Modules

General Properties

Cuts protruding wire ends and presses the wire manager onto the termination clamp

Changeable Tool Heads are easy to equip on the Crimping Tool

Ergonomic and handy design

Included Tool Heads are suitable for Keystone Modules **DN-93604** & **DN-93615**

Network Tool Set

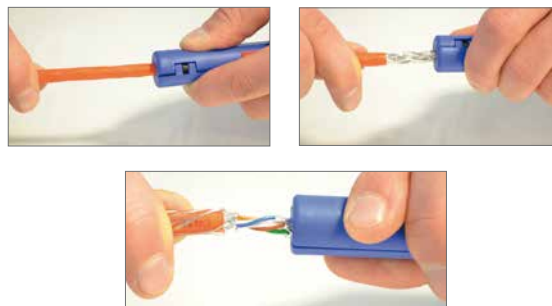


Product Number	EAN	Package Content
DN-94022	348849	LAN-Tester RJ11, 12 and 45, LSA Punch Down Tool with Cable Cutter, Crimping Tool RJ11, 12 and 45, Cut and Stripping Tool, Textile Bag

Product Information	
Area of Application:	For fault diagnostics, tests and new installations in networks

General Properties	
Crimping Tool	
Suitable for 6P4C- and 8P8C plugs	
Quick and easy installation	
Ergonomic handle	
Robust metal design	
Network & Tester	
Battery:	9V pack
Connection main device:	2x RJ45
Connection remote device:	1x RJ45
Ideal for testing RJ11, RJ12 and RJ45 plugs	
Separate display for PIN 1-8 and ground	
For continuity testing of network- or communication cables	
Automatic test run	
Punch Tool	
Suitable for LSA-strips	
Cable insulation and cutting off extending cable ends	
Includes extraction- and unlocking device	
Cut and Stripping Tool	
Suitable for CAT 5e, CAT 6, CAT 7 (Ø > 2-10 mm)	
Adjustable cutting depth	

Universal stripping tool



Product Number	EAN	Cable Types
DN-94002	380108	Solid and stranded wires AWG 22-23

Product Information

Area of Application: Removing sheaths of solid and stranded conductors AWG 22-23

General Properties

Housing material:	Plastic
Stripping tool:	Suitable for multiconductors AWG 22-23
Stripping Tool length:	11.0 cm
Stripping Tool width:	2.0 cm when closed
Side A:	Stripping cable shielding

Distance guts A:	4.23 cm
Side B:	Stripping foil shielding
Distance guts B:	4.43 cm
With opening spring and locking slider	
Incl. length scale from 5.0 to 20.0 mm	
Made in Germany	

Stripping Tool for Data Cable



Product Number	EAN	Cable types
DN-94001	261667	UTP/STP

Product Information

Area of Application: Stripping off UTP and STP data cables

General Properties

AWG:	Up to 24
Cable diameter:	5-15 mm
Quick and easy usage	
With opening spring and locking slider	
Adjustable opening size	

LSA Punch Tool



DN-LSA-PT



A-LSA-K



DN-94003

Product Number	EAN	Typ	Sensor	Package Content
DN-LSA-PT	206569	LSA+	no	Punch Tool, Leather Carry Case
A-LSA-K	261674	LSA+	yes	Punch Tool
DN-94003	261674	110	no	Punch Tool

Product Information

Area of Application: For cutting off protruding wire ends in LSA strips

General Properties

Cable insulation and cutting off the protruding wire ends

Includes synthetic leather carry case

Includes extraction- and unlocking device

Pliers



DN-94014



A-7861125

Product Number	EAN	Opening Spring	Isolated	Color	Length	Weight
DN-94014	342328	yes	no	yellow	13.0 cm	72 g
A-7861125	159025	yes	yes	red/blue	12.5 cm	56 g

Product Information

Area of Application: Flushed cutting of protruding wire ends

General Properties

Cutting area: 9.45 mm hole; AWG 22-26 (suitable for 0.65-0.40 mm)

Sharp pliers (64 HRC)

Precision cutting for soft wire and hard wire

Compact design

Slim head form for working areas that are difficult to reach

Velcro Tape for structured cabling



Product Number	EAN	Length	Width	Color
DN-CT-10M-20	338260	10 m	20 mm	Black

Product Information	
Area of Application:	Structuring of cabling, bundling in distribution cabinets, fixing in cable canals



Individual. Dynamic. Adaptive.

Solutions for Industry 4.0 – the Internet of Things

What once seemed a distant and unrealistic goal has now become business as usual for many manufacturers – Industry 4.0.

Industry 4.0 means that companies are now able to network all of their industrial equipment by connecting these systems to their IT infrastructure. Communication with and between different production systems now takes place via LAN and Wireless LAN, and companies can access these systems remotely. Failures, faults, and maintenance tasks no longer necessarily need to be checked or handled on-site.

This trend toward networking industrial systems using Ethernet protocols can be seen in all areas of the market, from the automotive industry and engineering all the way to traffic systems. Your business requirements, just like these market areas, are extremely diverse, whether it comes to logs, certifications, or standardizations.

Industrial Ethernet must also be equipped to handle formidable environmental conditions by featuring

- Extreme temperature ranges
- Protection from dust, spraying water, UV light, oils, and solvents
- Immunity to electromagnetic radiation
- Robust network components
(high bending strength, notch-resistant, high impact resistance, abrasion-resistant)

As the leading brand for active and passive network technology, DIGITUS® Professional is equipped to meet all of these requirements with solutions from its portfolio of superior-quality industrial components for the industrial applications of today and the future.

RJ45 Connector IP65/IP67



DN-IND-RJ45-1-M



DN-IND-RJ45-2-M



DN-IND-RJ45-1-F



DN-IND-RJ45-2-F

Product Number	EAN	Product Description	Housing Material
DN-IND-RJ45-1-M	380672	RJ45 male plug	Metal
DN-IND-RJ45-1-F	380689	RJ45 female socket	Metal
DN-IND-RJ45-2-M	380696	RJ45 male plug	Plastic
DN-IND-RJ45-2-F	380702	RJ 45 female socket	Plastic

Product Information

Norms: ISO/IEC 11801 & TIA568B

Transmission Properties: 1GBase-T

General Properties

Shielding system with high frequency noise immunity and electromagnetic interference protection

Crystal head and cable are not included

Technical Properties

Protection class:	IP65 plug, IP67 socket, IP67 plugged
Cable specifications:	AWG 26-24
Contact diameter x number:	8 PIN
Rated current:	1.5A
Contact resistance:	30 MilliOhm
Insulation resistance:	500 MegaOhm
Operating voltage:	1000V
Working temperature:	-40 °C to +80 °C
Copper needles:	Copper alloy, gold-plated 6U
Flammability rating:	UL94-V0

RJ45 Connector IP65/IP67


DN-IND-RJ45-3-M

DN-IND-RJ45-3-F1

DN-IND-RJ45-4-M

DN-IND-RJ45-4-F

Product Number	EAN	Product Description	Housing Material
DN-IND-RJ45-3-M	380719	RJ45 male plug	Metal
DN-IND-RJ45-3-F1	380726	RJ45 female socket	Metal
DN-IND-RJ45-3-F2	380795	RJ45 female socket	Metal
DN-IND-RJ45-4-M	380764	RJ45 plug	Plastic
DN-IND-RJ45-4-F	380757	RJ45 socket	Metal

Product Information

Norms:	ISO/IEC 11801 & TIA568B
Transmission Properties:	1GBase-T

General Properties

Shielding system with high frequency noise immunity and electromagnetic interference protection
Crystal head and cable are not included

Technical Properties

Protection class:	IP65 plug, IP67 socket, IP67 plugged
Cable specifications:	AWG 26-23
Contact diameter x number:	8 PIN
Rated current:	1.5A
Contact:	30 MilliOhm
Insulation resistance:	500 MegaOhm
Operating voltage:	1000V
Working temperature:	-40 °C to +80 °C
Copper needles:	Copper alloy, gold-plated 6U
Flammability rating:	UL94-V0

Fiber Optic Connector IP65/IP67



DN-IND-FO-1-M



DN-IND-FO-1-F

Product Number	EAN	Product Description	Housing Material
DN-IND-FO-1-M	380740	LC male plug	Plastic
DN-IND-FO-1-F	380733	LC female socket	Metal

Product Information	
Norms:	ISO/IEC 11801

General Properties	
Cables not included in delivery	

Technical Properties	
Insertion loss:	< 0.3 dB
Protection class:	IP65 plug, IP67 socket, IP67 plugged
Working temperature:	-40 °C to +80 °C
Flammability rating:	UL94-V0

USB Connector IP65/IP67


DN-IND-USB-1-M

DN-IND-USB-1-F

Product Number	EAN	Product Description	Housing Material
DN-IND-USB-1-M	380788	USB plug	Plastic
DN-IND-USB-1-F	380771	USB socket	Metal

Product Information	
Norms:	USB 3.0 Standard

General Properties	
USB 3.0, data transfer up to 5.000 MB/s	
0.5 m standard cable	

Technical Properties	
Protection class:	IP65 plug, IP67 socket, IP67 plugged
Working temperature:	-40 °C to +80 °C
Shell:	Zinc alloy
Clamp material:	Silicia gel
Flammability rating:	UL94-V0

CAT 6, S/FTP Twisted Pair Patch Cable, PUR



Product Number	EAN	Length
DK-16PUR-010	380252	1.00 m
DK-16PUR-020	380269	2.00 m
DK-16PUR-030	380276	3.00 m
DK-16PUR-050	380283	5.00 m
DK-16PUR-075	380290	7.50 m
DK-16PUR-100	380306	10.00 m

Performance- and Specification Overview

Conductor:	Cu, AWG 27/7
Insulation:	Foam-Skin Polypropylen, 0.98 mm nom.
Structure:	4x 2 AWG 27/7, twisted pair
Pair shielding:	Aluminum covered plastic bond foil
Overall shielding:	Copper braid, tinned
Sheath:	PUR, red
Bending radius:	Without tensile loading: ≥ 25 mm; with tensile loading: ≥ 50 mm
Installation temperature:	-5 °C to +50 °C
Operating temperature:	-35 °C to +75 °C
UV resistance of outer sheath:	Acc. IEC 60068-2-5
Ozone resistance:	Acc. EN 60811-2-1, clause 8
Smoke density:	Acc. EN 50268-2, IEC 61034-1 and 2
Corrosivity:	Acc. EN 50267-1 and 2, IEC 60754-1 and 2

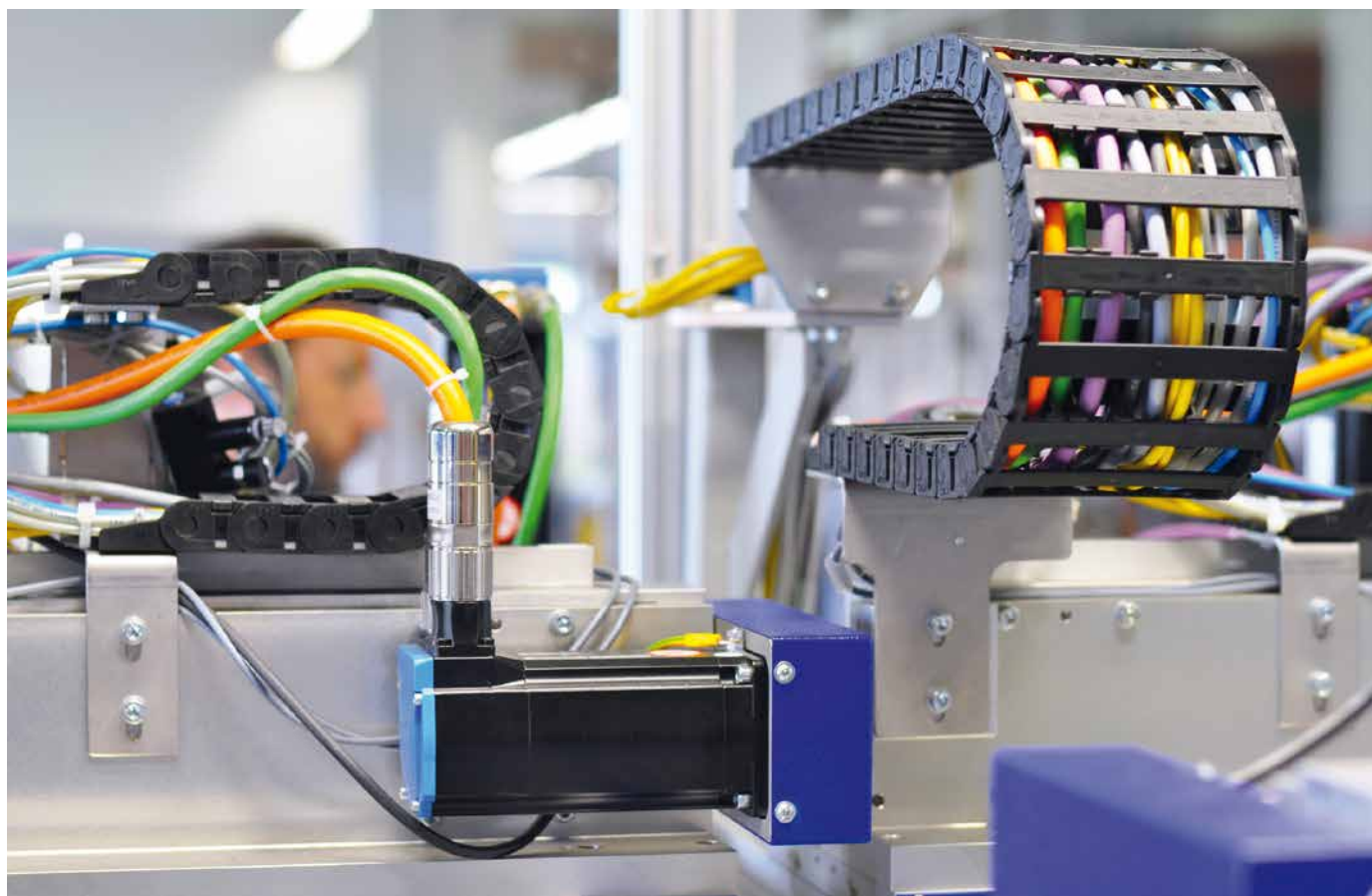
Electrical Properties

Loop resistance:	≤ 340 Ohm /km
Resistance unbalance:	$\leq 3\%$
Insulation resistance (500 V):	≥ 2000 MOhm *km
Capacity at 800 Hz:	Nom. 43 nF/km
Capacity unbalance (Pair/Earth):	≤ 1500 pF/km
Characteristic impedance (100 MHz):	100 $\pm$ 5 Ohm
Propagation velocity:	Ca. 79 %

Signal transit time:	≤ 427 ns/100m
Duration difference:	≤ 12 ns/100m
Cond./Cond. and Cond./Shielding:	1000 V
Coupling resistance:	At 1 MHz: 10mOhm /m; at 10 MHz: 10mOhm /m; at 30 MHz: 30mOhm /m
Coupling attenuation:	75 dB

Transmission Properties

FREQ.	ATT	NEXT	PS-NEXT	RL	ACR	ACRF	PS-ACRF
MHz	dB	dB	dB	dB	dB	dB	dB
1	0.3	90	87	23	87	80	77
4	0.6	90	87	24	84	80	77
10	1	90	87	25	80	80	77
16	1.3	90	87	25	77	76	73
20	1.4	90	87	25	76	74	71
31.2	1.8	90	87	25	72	70	67
62.5	2.6	90	87	23	64	64	61
100	3.2	87	84	21	55	60	57
125	3.6	85	82	20	49	58	55
200	4.6	82	79	18	36	54	51
300	5.6	80	77	17	24	50	47
450	6.9	77	74	17	8	47	44
600	7.9	75	72	17	-4	44	41



CAT 6, SF/UTP Twisted Pair Patch Cable, PUR, drag chain suitable



Product Number	EAN	Length
DK-16PUR-010-SK	380313	1.00 m
DK-16PUR-020-SK	380320	2.00 m
DK-16PUR-030-SK	380337	3.00 m
DK-16PUR-050-SK	380344	5.00 m
DK-16PUR-075-SK	380351	7.50 m
DK-16PUR-100-SK	380368	10.00 m
DK-16PUR-150-SK	380375	15.00 m
DK-16PUR-250-SK	380382	25.00 m

Performance- and Specification Overview

Conductor:	Cu, flexible, AWG 26/19; 0.63 mm
Insulation:	PP (Polypropylen)
Conductor insulation diameter:	0.98 mm
Material outer sheath:	PUR.F45052-F5100 (referring to DIN VDE 0282)
Diameter outer sheath:	0.75 mm
Color:	Yellow green, similar RAL 6018
Outer diameter:	7.8 ± 0.3 mm
Pair shielding:	Unshielded
Overall shielding:	Aluminum foil and copper braid (0.1 mm diameter), tinned
Coverage:	85% nom.
Fire load:	Ca. 1.35 MJ/m
Flame test:	IEC 60332-1-2
Operating temperature range:	-30 °C to + 70 °C

Drag Chain Properties

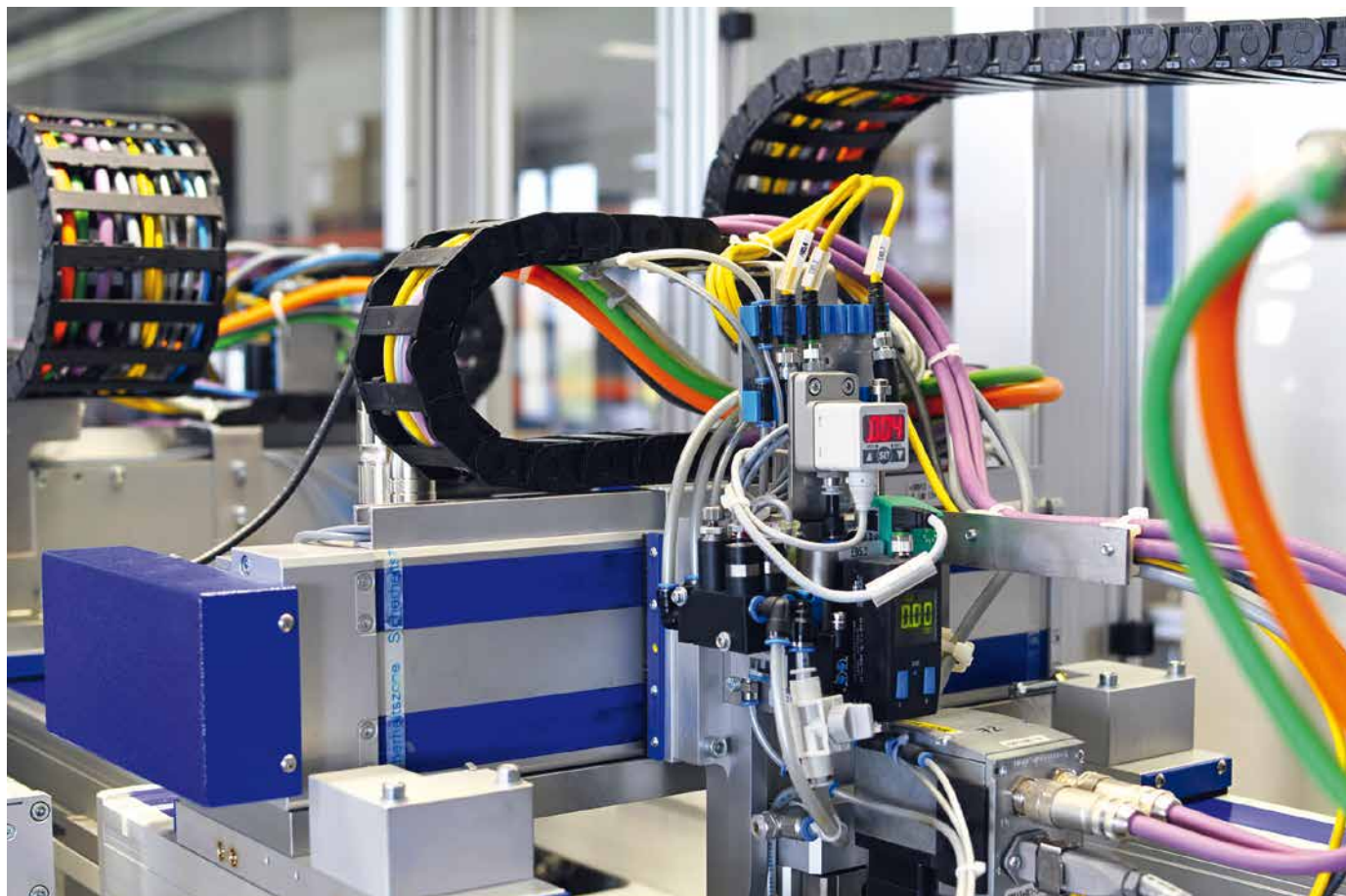
Bending cycles:	1 Mio. at 7.5x diameter
Operating velocity:	Max. 240 m/min @ 4.5 m
Acceleration:	Max. 4 m/s²

Electrical Properties (at 20 °C)

DC resistance:	140 Ohm/km max. $\pm$ 3%
Capacity (pair):	52 pF/m nom.
Tolerance:	2 pF/m max.
Dielectric:	Core/Core: 700 Vac/min.; Core/Shielding: 700 Vac/min.
Norm frequency:	1-250 MHz
Wave impedance:	100 $\pm$ 10 Ohm
NVP (Nominal Velocity of Propagation):	63%
Operating voltage max.:	100V short period, 30V permanent

Transmission Properties

FREQ.	ATT	NEXT	ACR
MHz	dB	dB	dB
1	3.1	66	64
4	5.8	65.3	63.3
16	11.4	56.2	54.2
31.25	16.1	51.9	49.9
62.5	23.2	47.4	45.4
100	29.9	44.3	42.3
200	43.7	39.8	37.8
250	49.5	38.3	36.3



CAT 6, S/FTP, Twisted Pair Patch Cable, PUR

Product Number	EAN	Length
DK-16PUR-010-IP67	382232	1.00 m
DK-16PUR-020-IP67	382249	2.00 m
DK-16PUR-030-IP67	382256	3.00 m
DK-16PUR-050-IP67	382263	5.00 m
DK-16PUR-070-IP67	382270	7.00 m
DK-16PUR-100-IP67	382287	10.00 m

General Properties

Conductor:	Bare copper wire, stranded, AWG 26/7
Insulation:	PP (Polypropylen)
Conductor insulation diameter:	0.99 mm
Material outer sheath:	PUR.F45052-F5100 (referring to DIN VDE 0282)
Diameter outer sheath:	0.75 mm
Color:	Grey (RAL 7035)
Outer diameter:	6.4 mm
Pair shielding:	Foil
Overall shielding:	Aluminum foil and copper braid (0.1 mm diameter), tinned
Coverage:	85% nom.
Fire load:	Ca. 1.50 MJ/m
Flame test:	IEC 60332-1-2
Operating temperature range:	-30 °C to + 70 °C
Protection class:	IP67 one sided, V6 housing connector

Mechanical Properties

Bending radius:	≥ 34 mm
Tensile strength:	≥ 1000 Zyklen

Electrical Properties (at 20 °C)

DC resistance:	140 Ohm/km max. ± 3%
Capacity (pair):	43 pF/m nom.
Tolerance:	2 pF/m max.
Dielectric:	Core/Core: 700 Vac/min.; Core/Shielding: 700 Vac/min.
Norm frequency:	1-600 MHz
Wave impedance:	100±10 Ohm
NVP (Nominal Velocity of Propagation):	78%
Operating voltage max.:	100V short period, 30V permanent

Transmission Properties

FREQ.	ATT	NEXT	PS NEXT	RL	ACR-N	PS-ACR-N	ACR-F	PS-ACR-F
MHz	dB	dB	dB	dB	dB	dB	dB	dB
100	2,67	100	97	30	97	94	97	94
250	4,3	95	92	27	91	88	95	92
500	6,2	92	89	24	86	83	91	88
600	6,71	90	87	23	83	80	88	85

Cross Reference

Aluminium Housing	DN-93846-OD
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Aluminum Housing for Network Sub-Distribution, IP67



Product Number	EAN	Description	Protection Class	Measurements	Absorption	Delivery Content
DN-93846-OD	382331	Aluminium Housing	IP20, IP67	125x80x58 mm	2x Keystone Module	Aluminium Housing

Product Information

Implementation Keystone Admission:	For 2x RJ45 Keystone Modules
Area of Application:	Industry area
Norms:	ISO/IEC 11801 2nd Ed., EN 50173-1, EIA/TIA 568-C

General Properties

Suitable for surface installation	
Protection class:	IP67 (by using RJ45 patch cords with V6 IP67 housing connector)
	IP20 (by using RJ45 patch cords)
Stable aluminium housing	
Internal screw openings enable wall and floor mounting	
RJ45 Keystone Modules are not included in delivery	

Cross Reference

STP Keystone Module	DN-93617 // DN-93615 // DN-93612-1 // DN-93611 // DN-93512
UTP Keystone Module	DN-93906 // DN-93603 // DN-93601 // DN-93502 // DN-93501
Data Cable	DK-1741-VH-10-OD
Patch Cable IP67	DK-16PUR-XXX-IP67

Housing for Network Sub-Distribution



Product Number	EAN	Description	Measurements	Package Content
DN-96800M	368144	Housing for Network Sub-Distribution	290x320x88 mm	Housing, Keys, PG fitting
DN-96809	378761	16x Keystone Module Adapter Plate for DN-96800M	290x88 mm	Adapter Plate

Product Information

Implementation Keystone Admission:	16x Keystone RJ45
Area of Application:	Sub-distribution in buildings, distribution in floors
Norms:	ISO/IEC 11801 2nd Ed., EN 50173-1, EIA/TIA 568-C

General Properties

IP20, shielded
Lockable lid
Suitable for surface installation
Including brush strips on both sides for the insert of patch cables
Adapter Plate is not included in delivery

Technical Properties

Housing material:	1,5 mm SPCC cold rolled steel; durable, textured powder coat finish
Standard material:	EN 10 130(1991), BS 1449, NFA 36/401, DIN 1623, UNI 5866, UNE 36-086, SIS, JIS G 3141, ASTM, SAE
Empty housing weight:	2.8 kg
High density DN-96809:	Up to 16 conductors (4 conductors per cable outlet)

Physical Properties

Operating temperature:	-20 °C to +70 °C (ISO/IEC 11801, EN 50173-1, ANSI/TIA/EIA 568 C)
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Cross Reference

STP Keystone Module	DN-93617 // DN-93615 // DN-93612-1 // DN-93611 // DN-93512
UTP Keystone Module	DN-93906 // DN-93603 // DN-93601 // DN-93502 // DN-93501

Compatibility list switch programm - design compatible

Suitable switch covers for DIGITUS® module entry // DN-93831 // DN-9008-1 // DN-9007-1 // DN-9007-S-1 // DN-9006-N // DN-9005-N // DN-9002-N // DN-9001-N

Manufacturer: BERKER

Switch programm	Central plate, cover plate	Color, surface	Item code 1x RJ45 socket	Adapter ring, spacer ring	Item code 2x RJ45 socket	Adapter ring, spacer ring
Arsys	DIGITUS® Central plate with label field	pure white	-	-	DN-93831 (central plate 50x50 mm)	1108 01 69
	Central piece without label field	brown, shining	1407 00 01	1108 01 69	1409 00 01	1108 01 69
	Central piece without label field	stainless steel	1408 00 04	1108 01 69	1410 00 04	1108 01 69
	Central piece without label field	gold, metal	1408 00 02	1108 01 69	1410 00 02	1108 01 69
	Central piece without label field	light bronze, metal	1408 00 01	1108 01 69	1410 00 01	1108 01 69
	Central piece without label field	polar white, shining	1407 00 69	1108 01 69	1409 00 69	1108 01 69
	Central piece without label field	white, shining	1407 00 02	1108 01 69	1409 00 02	1108 01 69
	Central plate without label field	brown, shining	1468 01	1108 00 01	1469 01	1108 00 01
	Central plate without label field	polar white, shining	1468 09	1108 00 69	1469 09	1108 00 69
	Central plate without label field	white, shining	1468 02	1108 00 02	1469 02	1108 00 02
K.1	DIGITUS® Central plate with label field	pure white	-	-	DN-93831 (central plate 50x50 mm)	1108 71 09
	Central piece without label field	alu, dull	1407 70 24	1108 71 09	1409 70 24	1108 71 09
	Central piece without label field	anthracite, dull	1407 70 06	1108 71 09	1409 70 06	1108 71 09
	Central piece without label field	polar white, shining	1407 70 09	1108 71 09	1409 70 09	1108 71 09
	Central piece without label field	white, shining	1407 70 02	1108 71 09	1409 70 02	1108 71 09
	Central piece without label field	stainless steel	1407 70 04	1108 71 09	1409 70 04	1108 71 09
	Central plate without label field	polar white, shining	1468 09	1108 70 09	1469 09	1108 70 09
	Central plate without label field	white, shining	1468 02	1108 70 02	1469 02	1108 70 02
Q.1	DIGITUS® Central plate with label field	pure white	-	-	DN-93831 (central plate 50x50 mm)	1109 60 79
	Central piece without label field	polarweiß	1407 60 89	1109 60 79	1409 60 89	1109 60 79
series 1930, glass series, Palazzo	Central piece without label field	polar white, shining	1407	1109 60 79	1409	1109 60 79
		black, shining	1407 01	1109 60 79	1409 01	1109 60 79
Modul 2	DIGITUS® Central plate with label field	pure white	-	-	DN-93831 (central plate 50x50 mm)	1109 09
	Central plate without label field	polar white, shining	1468 09	1109 09	1469 09	1109 09
		white, shining	1468 02	1109 02	1469 02	1109 02
	DIGITUS® Central plate with label field	pure white	-	-	DN-93831 (central plate 50x50 mm)	1109 90 89
B.1., B.7 glass	Central piece without label field	alu, dull	1407 14 04	1109 90 89	1409 14 04	1109 90 89
B.1, B.3, B.7 glass	Central piece without label field	anthracite, dull	1407 16 06	1109 90 89	1409 16 06	1109 90 89
S.1, B.3, B.7 glass	Central piece without label field	polar white, shining	1407 89 89	1109 90 89	1409 89 89	1109 90 89
S.1	Central piece without label field	white, shining	1407 89 82	1109 90 89	1409 89 82	1109 90 89
S.1, B.1, B.3, B.7 glass	Central piece without label field	polar white, dull	1407 19 09	1109 90 89	1409 19 09	1109 90 89
S.1, B.3, B.7 glass	Central plate without label field	polar white, shining	1468 09	1109 89 89	1469 09	1109 89 89
S.1.	Central plate without label field	white, shining	1468 02	1109 89 82	1469 02	1109 89 82
All information is subject to change. Printing errors, falsities and technical changes are reserved						

Compatibility list switch programm - design compatible

Suitable switch covers for DIGITUS® module entry // DN-93831 // DN-9008-1 // DN-9007-1 // DN-9007-S-1 // DN-9006-N // DN-9005-N // DN-9002-N // DN-9001-N

Manufacturer: BUSCH-JAEGER

Switch programm	Central plate, cover plate	Color, surface	Item code 1x RJ45 socket	Adapter ring, spacer ring	Item code 2x RJ45 socket	Adapter ring, spacer ring
	DIGITUS® Central plate with label field	pure white	-	-	DN-93831 (central plate 50x50 mm)	
Reflex SI	Central plate without label field	alpine white	1803-214		1803-02-214	
Reflex SI		black			1803-02-215	
Busch-Doro 2000 SI		white	1803-212		1803-02-212	
	DIGITUS® Central plate with label field	pure white	-	-	DN-93831 (central plate 50x50 mm)	
alpha	Central plate without label field	palladium	1803-260	1476/10-24G	1803-02-260	1476/10-24G
		platinum	1803-20		1803-02-20	
		titanium	1803-266		1803-02-266	
		alabaster/studio white, high polish	1803-24G		1803-02-24G	
		bronze	1802-21		1803-02-21	
		ivory/white	1803-22G		1803-02-22G	
		studio white, dull	1803-24		24.02.1903	
impuls	DIGITUS® Central plate with label field	pure white	-	-	DN-93831 (central plate 50x50 mm)	1746/10-74
	Central plate without label field	alpine white	1803-74	1746/10-74	1803-02-74	
		ivory/white	1803-72		1803-02-72	
		studio white, dull	1803-774		1803-02-774	
		black, dull	1803-775		1830-02-775	
		brambleberry	1830-777		1803-02-777	
		champagner, metallic	1803-79		1803-02-79	
		aluminum silver	1803-783		1803-02-783	
	DIGITUS® Central plate with label field	pure white	-	-	DN-93831 (central plate 50x50 mm)	1746/10-84
future linear, carat	Central plate without label field	anthrazite	1803-81	1746/10-84	1803-02-81	
future linear, solo, carat, Busch-axcent		davos/studio white	1803-84		1803-02-84	
future linear, solo, carat		savanna/ivory white	1803-82		1803-02-82	
future linear		aluminum silver	1803-83		1803-02-83	
future linear		studio white, dull	1803-884		1803-02-884	
future linear		black, dull	1830-885		1803-02-885	
solo	Central plate without label field	meteor/grey metallic	1803-803		1803-02-803	
		sahara/yellow	1803-815		1803-02-815	
		toscana/purple red	1803-87		1803-02-87	
pure stainless steel	Central plate without label field	stainless steel	1803-866		1803-02-866	
All information is subject to change. Printing errors, falsities and technical changes are reserved						

Compatibility list switch programm - design compatible

Suitable switch covers for DIGITUS® module entry // DN-93831 // DN-9008-1 // DN-9007-1 // DN-9007-S-1 // DN-9006-N // DN-9005-N // DN-9002-N // DN-9001-N

Manufacturer: ELSO

Switch programm	Central plate, cover plate	Color, surface	Item code 1x RJ45 socket	Adapter ring, spacer ring	Item code 2x RJ45 socket	Adapter ring, spacer ring
Classic	Central plate without label field	dark bronze	306420		306430	
		silver grey	306421		306431	
Joy	DIGITUS® Central plate with label field	pure white	-	-	DN-93831 (central plate 50x50 mm)	363084
	Central plate without label field	pearl white	366400	363084	366410	
	Central plate with label field	pearl white	366500		366510	
	Central plate without label field	pure white	366404		366414	
	Central plate with label field	pure white	366504		366514	
	DIGITUS® Central plate with label field	pure white	-	-	DN-93831 (central plate 50x50 mm)	203084
Fashion, Riva, Scala	Central plate with label field	pearl white (thermo unbreakable)	206520	203084	206530	
Fashion, Riva, Scala, Renovierung	Central plate without label field	pearl white (thermo unbreakable)	206400	203084	206410	
Fashion, Riva, Scala	Central plate with label field	pure white (thermo unbreakable)	206524	203084	206534	
Fashion, Riva, Scala	Central plate without label field	pure white (thermo unbreakable)	206404	203084	206414	
Renovierung	Central plate without label field	pure white	503654	203084	503664	
Fashion, Riva, Scala	Central plate without label field	pure white (antibacterial)	2064044	203084	2064144	
Fashion, Riva, Scala	Central plate with label field	pure white (antibacterial)	2065244	203084	1065344	
Fashion, Riva, Scala	Central plate without label field	decor (thermo unbreakable)	206400D	203084	206410D	
Fashion, Riva, Scala	Central plate with label field	grey (thermo unbreakable)	206521	203084	206531	
Fashion, Riva, Scala	Central plate without label field	grey (thermo unbreakable)	206401	203084	206411	
Fashion, Riva, Scala	Central plate with label field	agate grey	2065212	203084	2065312	
Fashion, Riva, Scala	Central plate with label field	anthrazitegrey	2065231	203084	2065331	
Fashion, Riva, Scala	Central plate with label field	sodalite blue	206526	203084	206536	
Fashion, Riva, Scala	Central plate with label field	red	206529	203084	206539	
Fashion, Riva, Scala	Central plate with label field	aluminum effect (varnished)	2065219	203084	2065319	
Fashion, Riva, Scala	Central plate with label field	stainless steel effect (varnished)	2065211	203084	2065311	
All information is subject to change. Printing errors, falsities and technical changes are reserved						

Compatibility list switch programm - design compatible

Suitable switch covers for DIGITUS® module entry // DN-93831 // DN-9008-1 // DN-9007-1 // DN-9007-S-1 // DN-9006-N // DN-9005-N // DN-9002-N // DN-9001-N

Manufacturer: GIRA

Switch programm	Central plate, cover plate	Color, surface	Item code 1x RJ45 socket	Adapter ring, spacer ring	Item code 2x RJ45 socket	Adapter ring, spacer ring
E22 (stainless steel series 20/series 21)	Central plate without label field	stainless steel (varnished)	0270 20		0270 20	
E22 (stainless steel series 20/series 21)	Central plate with label field	stainless steel (varnished)	0284 20		0284 20	
E22 (aluminum)	Central plate without label field	aluminum (varnished)	0270 203		0270 203	
E22 (aluminum)	Central plate with label field	aluminum (varnished)	0284 203		0284 203	
E22 (thermoplast)	Central plate without label field	pure white, shining	0270 03		0270 03	
E22 (thermoplast)	Central plate with label field	pure white, shining	0284 03		0284 03	
Area switch	DIGITUS® Central plate with label field	pure white	-	-	DN-93831 (central plate 50x50 mm)	0282 112
	Central plate without label field	creme white, shining	0270 111	0282 112	0270 111	
	Central plate with label field	creme white, shining	0284 111		0284 111	
	Central plate without label field	pure white, shining	0270 112		0270 112	
S-Color	DIGITUS® Central plate with label field	pure white	-	-	DN-93831 (central plate 50x50 mm)	0282 40
	Central plate without label field	blue	0270 46	0282 40	0270 46	
	Central plate with label field	blue	0284 46		0284 46	
	Central plate without label field	grey	0270 42		0270 42	
	Central plate with label field	grey	0284 42		0284 42	
	Central plate without label field	pure white	0270 40		0270 40	
	Central plate with label field	pure white	0284 40		0284 40	
	Central plate without label field	red	0270 43		0270 43	
	Central plate with label field	red	0284 43		0284 43	
	Central plate without label field	black	0270 47		0270 47	
	Central plate with label field	black	0284 47		0284 47	
System 55: Standard 55/ E2/Event/Esprit	DIGITUS® Central plate with label field	pure white	-	-	DN-93831 (central plate 50x50 mm)	0282 03
	Central plate without label field	creme white, shining	0270 01	0282 03	0270 01	
	Central plate with label field	creme white, shining	0284 01		0284 01	
	Central plate without label field	pure white, shining	0270 03		0270 03	
	Central plate with label field	pure white, shining	0284 03		0284 03	
	Central plate without label field	color aluminum	0270 26		0270 26	
	Central plate with label field	color aluminum	0284 26		0284 26	
	Central plate without label field	anthrazite	0270 28		0270 28	
	Central plate with label field	anthrazite	0284 28		0284 28	
	Central plate without label field	pure white, silk dull	0270 27		0270 27	
	Central plate with label field	pure white, silk dull	0284 27		0284 27	

All information is subject to change. Printing errors, falsities and technical changes are reserved

Compatibility list switch programm - design compatible

Suitable switch covers for DIGITUS® module entry // DN-93831 // DN-9008-1 // DN-9007-1 // DN-9007-S-1 // DN-9006-N // DN-9005-N // DN-9002-N // DN-9001-N

Manufacturer: HAGER

Switch programm	Central plate, cover plate	Color, surface	Item code 1x RJ45 socket	Adapter ring, spacer ring	Item code 2x RJ45 socket	Adapter ring, spacer ring
kallysto.pur, kallysto.stil, kallysto.art	DIGITUS® Central plate with label field	pure white	-	-	DN-93831 (Zentralplatte 50x50 mm)	WYA550
kallysto.pur, kallysto.stil, kallysto.art	Central cover with label field	brilliant white	WYA510	WYA550	WYA520	
kallysto.pur	Central cover	creme	WYA511		WYA521	
kallysto.pur, kallysto.stil, kallysto.art	Central cover	silver	WYA516		WYA526	
kallysto.pur, kallysto.stil, kallysto.art	Central cover	anthrazite	WYA517		WYA527	
kallysto.pur, kallysto.stil, kallysto.art	Central cover	bronze	WYA518		WYA528	
kallysto.pur, kallysto.stil, kallysto.art	Central cover	champagner	WYA519		WYA529	
aluminum exclusive-design	Central cover with label field	aluminum brushed	WYA516A1	WYA550	WYA526A1	
		aluminum floral	WYA516A2		WYA526A2	
		aluminum linear	WYA516A3		WYA526A3	
		aluminum structured	WYA516A4		WYA526A4	
All information is subject to change. Printing errors, falsities and technical changes are reserved						

Manufacturer: MERTEN

Switch programm	Central plate, cover plate	Color, surface	Item code 1x RJ45 socket	Adapter ring, spacer ring	Item code 2x RJ45 socket	Adapter ring, spacer ring
	DIGITUS® Central plate with label field	pure white	-	-	DN-93831 (central plate 50x50 mm)	
System area (thermoplast brilliant): Antik, Artec	Central plate with label field	dark brazil		516099	292615	516099
System area (thermoplast brilliant): Artec		light grey			292629	
System area (thermoplast brilliant): Artec		black grey			292669	
System area (metal): Artec		stainless steel	291846		292646	
System area (metal): Antik, Artec		antique brass			292643	
System area (thermoplast brilliant): Artec, Tracent		aluminum	291860		292660	
System area (thermoplast brilliant): Antik, Artec		white	291844		292644	
System area (thermoplast brilliant): Antik, Artec		polar white	291819		292619	
Octocolor (metal)		Central plate with label field	bronze metallic, varnished			
Octocolor (metal)	titanium, varnished				292005	
Octocolor (thermoplast brilliant)	polar white				292019	
Octocolor (thermoplast brilliant)	white				292044	
System M (thermoplast brilliant): 1-M/Atelier-M, M-Smart, M-Plan	DIGITUS® Central plate with label field	pure white	-	-	DN-93831 (central plate 50x50 mm)	
System M (thermoplast brilliant): 1-M/Atelier-M, M-Smart, M-Plan	Central plate without label field	polar white, shining	296219	518144	296119	518144
System M (thermoplast brilliant): 1-M/Atelier-M, M-Smart, M-Plan		white, shining	296244		296144	
System M (thermoplast brilliant): 1-M/Atelier-M, M-Smart, M-Plan		active white, shining	296225		296125	
System M (thermoplast edeldull): M-Arc, M-Plan		aluminum	298360		298060	
System M (thermoplast edeldull): M-Arc/M-Star, M-Plan		anthrazite	298314		298014	
System M (thermoplast edeldull): M-Smart M-Arc/M-Star, M-Plan		polar white, noble dull	298319		298019	
System M (thermoplast edeldull): M-Smart M-Arc/M-Star, M-Plan		white, noble dull	298344		298044	
All information is subject to change. Printing errors, falsities and technical changes are reserved						

Compatibility list switch programm - design compatible

Suitable switch covers for DIGITUS® module entry // DN-93831 // DN-9008-1 // DN-9007-1 // DN-9007-S-1 // DN-9006-N // DN-9005-N // DN-9002-N // DN-9001-N

Manufacturer: JUNG

Switch programm	Central plate, cover plate	Color, surface	Item code 1x RJ45 socket	Adapter ring, spacer ring	Item code 2x RJ45 socket	Adapter ring, spacer ring
	DIGITUS® Central plate with label field	pure white	-	-	DN-93831 (central plate 50x50 mm)	
AS 500, A 500, A plus, A creation	Central plate without label field*	alpine white	A 569-1 PLUA WW	A 590 Z WW or A 590 z	A 569-2 PLUA WW	A 590 Z WW or A 590 z
AS 500	Central plate without label field*	white	A 569-1 PLUA		A 569-2 PLUA	
AS universal	Central plate without label field*	alpine white	A 569-1 BFPLUA WW		A 569-2 BFPLUA WW	
AS universal	Central plate without label field*	white	A 569-1 BFPLUA		A 569-2 BFPLUA	
A 500, A plus, A creation	Central plate without label field*	aluminum	A 569-1 PLUA AL		A 569-2 PLUA AL	
A 500, A plus, A creation	Central plate without label field*	black	A 569-1 PLUA SW		A 569-2 PLUA SW	
LS 990, LS-design, LS plus	DIGITUS® Central plate with label field	pure white	-	-	DN-93831 (central plate 50x50 mm)	
LS 990, LS-design, LS plus, FD-Design	Central plate without label field	alpine white	LS 969-1 UA WW	LS 961 Z WW or LS 961 Z	LS 969-2 UA WW	LS 961 Z WW or LS 961 Z
	Central plate with label field	alpine white	LS 969-1 NAUA WW		LS 969-2 NAUA WW	
	Central plate without label field	white	LS 969-1 UA		LS 969-2 UA	
	Central plate with label field	white	LS 969-1 NAUA		LS 969-2 NAUA	
	Central plate without label field	light grey	LS 969-1 UA LG		LS 969-2 UA LG	
	Central plate with label field	light grey	LS 969-1 NAUA LG		LS 969-2 NAUA LG	
	Central plate without label field	black	LS 969-1 UA SW		LS 969-2 UA SW	
	Central plate with label field	black	LS 969-1 NAUA SW		LS 969-2 NAUA SW	
	Central plate without label field	aluminum	AL 2969-1 UA		AL 2969-2 UA	
	Central plate with label field	aluminum	AL 2969-1 NAUA		AL 2969-2 NAUA	
	Central plate without label field	anthrazite (varnished Al)	AL 2969-1 UA AN		AL 2969-2 UA AN	
	Central plate with label field	anthrazite (varnished Al)	AL 2969-1 NAUA AN		AL 2969-2 NAUA AN	
	Central plate without label field	stainless steel	ES 2969-1 UA		ES 2969-2 UA	
	Central plate with label field	stainless steel	ES 2969-1 NAUA		ES 2969-2 NAUA	
	Central plate without label field	shining chrome	GCR 2969-1 UA		GCR 2969-2 UA	
	Central plate with label field	shining chrome	GCR 2969-1 NAUA		GCR 2969-2 NAUA	
	Central plate without label field	gold color	GO 2969-1 UA		GO 2969-2 UA	
	Central plate with label field	gold color	GO 2969-1 NAUA		GO 2969-2 NAUA	
Central plate without label field	gold 24 carat	LS 969-1 UA GGO	LS 969-2 UA GGO			
SL 500	Central plate without label field	alpine white	SL 569-1 UA WW	LS 961 Z WW or LS 961 Z	SL 569-2 UA WW	LS 961 Z WW or LS 961 Z
		gold-bronze	SL 569-1 UA GB		SL 569-2 UA GB	
		black	SL 569-1 UA SW		SL 569-2 UA SW	
	DIGITUS® Central plate with label field	pure white	-	-	DN-93831 (central plate 50x50 mm)	
CD 500, CD plus, CD universal	Central plate without label field	alpine white	CD 569-1 UA WW	CD 590 Z WW or 590 Z	CD 569-2 UA WW	CD 590 Z WW or 590 Z
	Central plate with label field	alpine white	CD 569-1 NAUA WW		CD 569-2 NAUA WW	
	Central plate without label field	white	569-1 UA		569-2 UA	
	Central plate with label field	white	569-1 NAUA		569-2 NAUA	
	Central plate without label field	black	CD 569-1 UA SW		CD 569-2 UA SW	
	Central plate with label field	black	CD 569-1 NAUA SW		CD 569-2 NAUA SW	
	Central plate without label field	Braun	CD 569-1 UA BR		CD 569-2 UA BR	
	Central plate with label field	Braun	CD 569-1 NAUA BR		CD 569-2 NAUA BR	
	Central plate without label field	grey	CD 569-1 UA GR		CD 569-2 UA GR	
	Central plate with label field	grey	CD 569-1 NAUA GR		CD 569-2 NAUA GR	
	Central plate without label field	light grey	CD 569-1 UA LG		CD 569-2 UA LG	
	Central plate with label field	light grey	CD 569-1 NAUA LG		CD 569-2 NAUA LG	
	Central plate without label field	gold-bronze (aluminum anodized)	CD 569-1 UA GB		CD 569-2 UA GB	
	Central plate with label field	gold-bronze (aluminum anodized)	CD 569-1 NAUA GB		CD 569-2 NAUA GB	
	Central plate without label field	platinum (aluminum anodized)	CD 569-1 UA PT		CD 569-2 UA PT	
	Central plate with label field	platinum (aluminum anodized)	CD 569-1 NAUA PT			
	* : Labelling via frame					
All information is subject to change. Printing errors, falsities and technical changes are reserved						

Compatibility list switch programm - design compatible

Suitable switch covers for DIGITUS® module entry // DN-93831 // DN-9008-1 // DN-9007-1 // DN-9007-S-1 // DN-9006-N // DN-9005-N // DN-9002-N // DN-9001-N

Manufacturer: PEHA

Switch programm	Central plate, cover plate	Color, surface	Item code 1x RJ45 socket	Adapter ring, spacer ring	Item code 2x RJ45 socket	Adapter ring, spacer ring
STANDARD	DIGITUS® Central plate with label field	pure white	-	-	DN-93831 (central plate 50x50 mm)	
	Central plate without label field	Arctic	D 80.610 UAE/1-N AW	D 80.670.02 ZV	D 80.610 UAE/2-N AW	D 80.670.02 ZV
		creme white/electro white	D 80.610 UAE/1-NW		D 80.610 UAE/2-NW	
		white	D 80.610.01 UAE/1-N		D 80.610.01 UAE/2-N	
DIALOG	DIGITUS® Central plate with label field	pure white	-	-	DN-93831 (central plate 50x50 mm)	
	Central plate with label field	aluminum	D 95.610.70 UAE/1-N	D 95.670.02 ZV	D 95.610.70 UAE/2-N	D 95.670.02 ZV
		brown	D 95.610.26 UAE/1-N		D 95.610.26 UAE/2-N	
		creme white/electro white	D 95.610.03 UAE/1-N		D 95.610.03 UAE/2-N	
		black	D 95.610.19 UAE/1-N		D 95.610.19 UAE/2-N	
		white	D 95.610.02 UAE/1-N		D 95.610.02 UAE/2-N	
AURA	DIGITUS® Central plate with label field	pure white	-	-	DN-93831 (central plate 50x50 mm)	
	Central plate with label field	aluminum	D 20.610.70 UAE/1 NA	D 20.670.02 ZV	D 20.610.70 UAE/2 NA	D 20.670.02 ZV
		anthrazite	D 20.610.21 UAE/1 NA		D 20.610.21 UAE/2 NA	
		white	D 20.610.02 UAE/1 NA		D 20.610.02 UAE/2 NA	
NOVA	DIGITUS® Central plate with label field	pure white	-	-	DN-93831 (central plate 50x50 mm)	
	Central plate with label field	aluminum	D 20.610.702 UAE/1 NA	D 20.670.022 ZV	D 20.610.702 UAE/2 NA	D 20.670.022 ZV
		black	D 20.610.192 UAE/1 NA		D 20.610.192 UAE/2 NA	
		white	D 20.610.022 UAE/1 NA		D 20.610.022 UAE/2 NA	
All information is subject to change. Printing errors, falsities and technical changes are reserved						

Compatibility list switch programm - design compatible

Suitable switch covers for DIGITUS® module entry // DN-93831 // DN-9008-1 // DN-9007-1 // DN-9007-S-1 // DN-9006-N // DN-9005-N // DN-9002-N // DN-9001-N

Manufacturer: SIEMENS

Switch programm	Central plate, cover plate	Color, surface	Item code 1x RJ45 socket	Adapter ring, spacer ring	Item code 2x RJ45 socket	Adapter ring, spacer ring
DELTA i-System (DELTA line/miro)	DIGITUS® Central plate with label field	pure white	-	-	DN-93831 (central plate 50x50 mm)	
DELTA i-System (DELTA line/miro)	Cover plate without label field	aluminum-metallic (RAL 9006)	5TG1 257		5TG1 257	
DELTA i-System (DELTA line/miro)	Cover plate with label field	aluminum-metallic (RAL 9006)	5TG1 258		5TG1 258	
DELTA i-System (DELTA line/miro)	Cover plate without label field	carbon-metallic (RAL 7016)	5TG1 227		5TG1 227	
DELTA i-System (DELTA line/miro)	Cover plate with label field	carbon-metallic (RAL 7016)	5TG1 228		5TG1 228	
DELTA i-System (DELTA line)	Cover plate without label field	electro white (RAL 1013)	5TG2 543		5TG2 543	
DELTA i-System (DELTA line)	Cover plate with label field	electro white (RAL 1013)	5TG2 544		5TG2 544	
DELTA i-System (DELTA line/miro)	Cover plate without label field	titanium white (RAL 9010)	5TG2 545		5TG2 545	
DELTA i-System (DELTA line/miro)	Cover plate with label field	titanium white (RAL 9010)	5TG2 546		5TG2 546	
DELTA natur	Cover plate without label field	maple	5TG1 633		5TG1 633	
		maple red	5TG1 632		5TG1 632	
		beek	5TG1 634		5TG1 634	
		light oak	5TG1 630		5TG1 630	
		dark oak	5TG1 631		5TG1 631	
		cherry wood	5TG1 635		5TG1 635	
DELTA profil	DIGITUS® Central plate with label field	pure white	-	-	DN-93831 (central plate 50x50 mm)	
	Cover plate without label field	anthrazite	5TG1 848	5TG1 806	5TG1 848	5TG1 806
	Cover plate with label field	anthrazite	5TG1 851		5TG1 851	
	Cover plate without label field	champagner	5TG1 938-1		5TG1 938-1	
	Cover plate with label field	champagner	5TG1 940-1		5TG1 940-1	
	Cover plate without label field	silver (RAL 9006)	5TG1 765		5TG1 765	
	Cover plate with label field	silver (RAL 9006)	5TG1 767		5TG1 767	
	Cover plate without label field	titanium white (RAL 9010)	5TG1 818		5TG1 818	
	Cover plate with label field	titanium white (RAL 9010)	5TG1 821		5TG1 821	
		Phase out type				
DELTA style	DIGITUS® Central plate with label field	pure white	-	-	DN-93831 (central plate 50x50 mm)	
	Cover plate without label field	platinum metallic (RAL 9007)	5TG1 394-1	5TG1 326	5TG1 394-1	5TG1 326
	Cover plate with label field	platinum metallic (RAL 9007)	5TG1 395-1		5TG1 395-1	
	Cover plate without label field	titanium white (RAL 9010)	5TG1 394		5TG1 394	
	Cover plate with label field	titanium white (RAL 9010)	5TG1 395		5TG1 395	
All information is subject to change. Printing errors, falsities and technical changes are reserved						

Compatibility List of Switching Programs

Suitable Manufacturer Design Enclosures in combination with the following Keystone Modules:
DN-93617 // DN-93615 // DN-93612-1 // DN-93512

Busch-Jäger		
1812	1875 EB	
1810	1758-21x	
1814	1758-2x	
1816	1758-2xx	
1818	1758-7x	
1819	1758-8x	
1820	1758 WS	
1800-21x	1758 WN-5x	
1800-2x	2561-21x	
1800-2xx	2561-2x	
1800-7x	2561-2xx	
1800-8x	2561-02-21x	
1866 EB	2561-02-2x	
1867 EB	2561-02-2xx	
1871 EB	Gira	
1872 EB	0663 01	
	0663 03	
		System 55*
		0663 27
		0663 28
		0663 26
		E22
		0663 20
		0663 203
		Fläche
		0663 111
		0663 112
		S-Color
		0663 40
		0663 42
		0663 43
		0663 46
		0663 47
		0191 00

*Integrierbar in Standard 55, E2, Event, Esprit

The enclosures listed on top can be integrated in particular framework programmes (frame 1-5 times):
 System 55: Standard, E2, Event, Esprit,
 E22: Stainless steel range 20 and 21, E22 stainless steel, E22 aluminium
 Area
 S-Color

All data without warranty! Typing mistakes, errors and technical changes are reserved.

Compatibility List of Switching Programs

Suitable Manufacturer Design Enclosures in combination with the following Keystone Modules:
DN-93617 // DN-93615 // DN-93612-1 // DN-93512

Albrecht Jung GmbH				
1.	Moule can be installed		1183-028.BKE.F.61	139 000 01
	A569-2NSIE		978 742 000	Keystone Design, Version A
			1183-028.FM.TE.F.61	UM-UMA 3 Up
			878 485 000	139 000 02
2.			1183-028.FMI.61	Keystone Design, Version A
			878 270 000	
3.	Installation Adapter		1183-028.FX.54.61	
	2 universal modules		878 070 000	
	Sample Module can be installed		1183-028.FKE.61	
	Typ A Art.-Nr.: UMA-CAT 6A		878 477 000	
	Art.-Nr.: UMA-MA2		1183-028.BKE.61	
			978 732 000	
Feller	1183-028.FMI.F.61		1183-028.FM.TE.61	
	878 260 000		878 475 000	
EDIZIOdue	1183-028.FX.54.F.61			
Itplus CAT 6A, RJ45-Dosen	878 060 000	Rutenbeck	UM-UMA 2 Up	
shielded/unshielded	1183-082.FKE.F.61		139 000 04	
Keystone Mounting Set	878 487 000		UM-UMA 2 Up	

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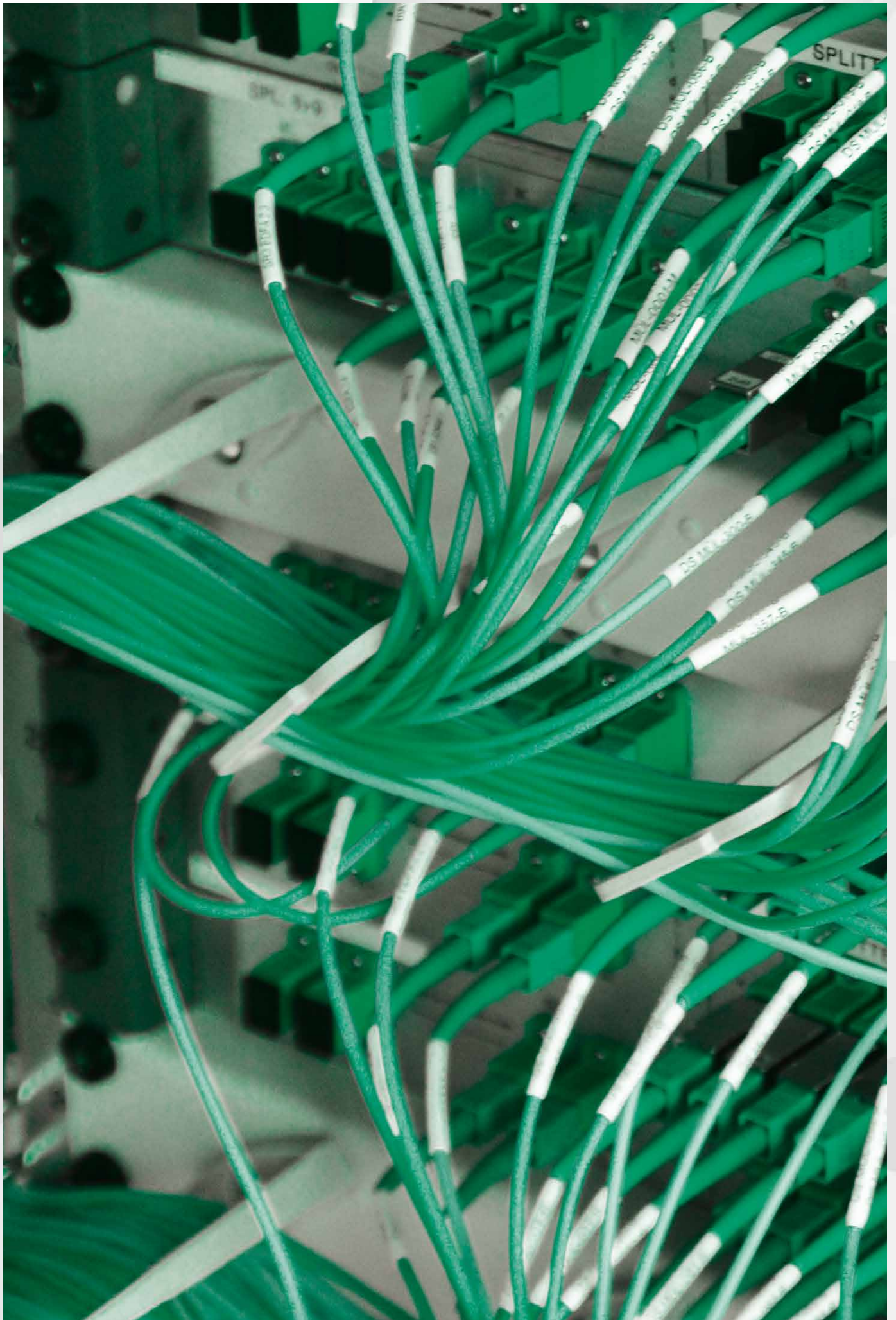
Compatibility List of Switching Programs

Suitable Manufacturer Keystone Modules in combination with the Module Inclusion:
DN-93831

Manufacturer	Description	Artikel No.			
ASSMANN	DIGITUS® Keystone	DN-93617			20 82 000 002
Telegärtner	AMJ-S	J00029A2000	Harting	HA-VIS preLink	20 82 001 0001
		J00029A2001			20 82 001 0002
EasyLAN	preLink®	CKPE0100			20 82 500 0001
		CKLE0100			20 82 500 0002
		CKPU0100			6920 0052/P.1
		CKPA0100	Cobinet	CobiDat KS	6920 0052.1
		CKLA0100			6920 4052.1
		CKPV0100			6920 0022.1
		CKFEK000			
		CKFUK000	Dätwyler	KS-TS	418054
		CKFAK000	BTR	C6A modul K	130B21-E
		CKFVK000			
		CKFE000			
	fixLink®	CKFU000			
		CKFAK000			
		CKFVK000			

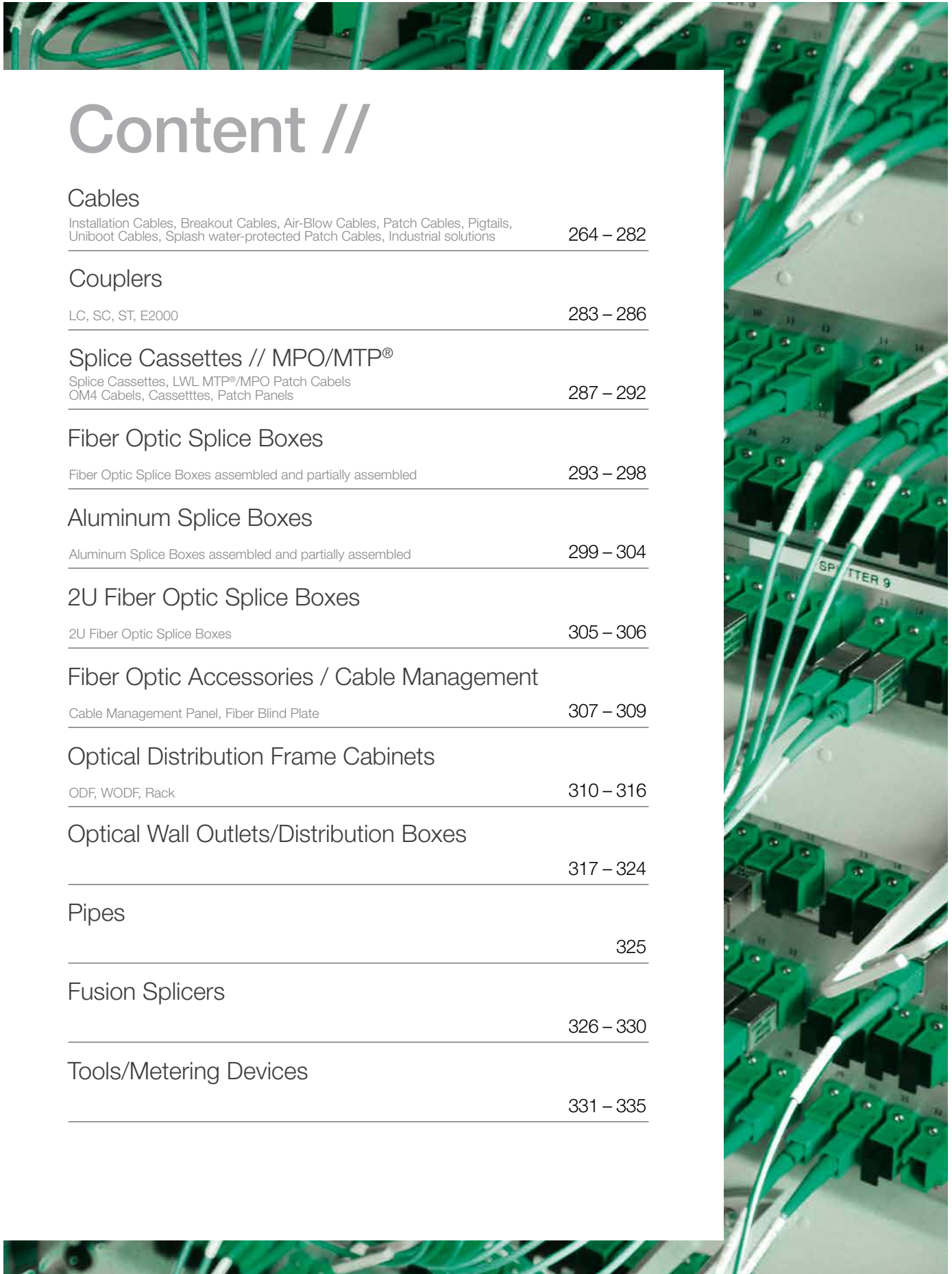
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FIBER OPTIC COMPONENTS



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Fast. Secure. Groundbreaking.

Our fiber optic components

Societies and economies are standing on the threshold of the so-called fourth revolution. The continued growth of Internet usage has led to a fusion of the real and virtual world into an 'Internet of Things'. Industry is becoming increasingly digitalized in an attempt to control the entire value chain in real-time. However, this calls for optimal framework conditions. Copper-based XDSL connections are approaching their limits in the face of the rapidly growing demand for fast Internet. Fiber optic cables are a technological prerequisite for dealing with these increasing data transfer rates in the future.

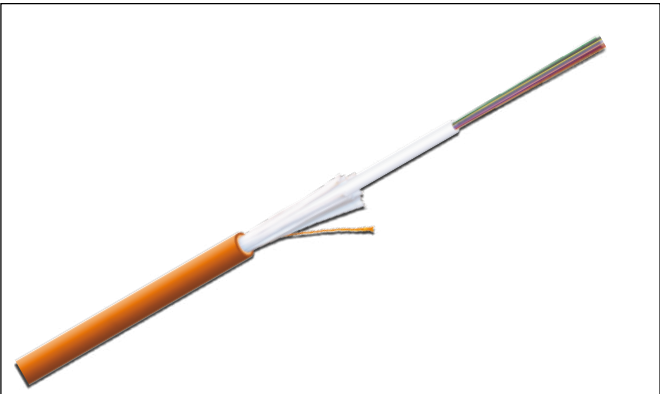
Data transfer via fiber optic components is insensitive to interference generated by electrical and magnetic fields. Optical fibers do not need to be grounded, nor do they need to be protected from power surges or lightning storms. Furthermore, data transfer via fiber optics is immune to crosstalk and highly secure against eavesdropping.

Our portfolio offers a broad range of products and solutions for individual use at every network level, from broadcasting stations to offices and living rooms.

Have a look at our customized break-out cables, for example. Every cable is configured and produced especially for you. Whether you plan to use it indoors or outdoors, we offer you the corresponding cable with the desired number and type of fibers. And our hybrid splice box is every bit as customized. It allows you to combine LC, SC, and ST couplers in a single patch field. Copper and fiber optic cables can be connected in the same box. It is also possible to combine incoming single-mode cables that have ST plugs and outgoing LC multi-mode cables with LC couplers in one patch field. Finally, you can check your work on the fiber optic network with our precise measuring instruments.

Installation Cables

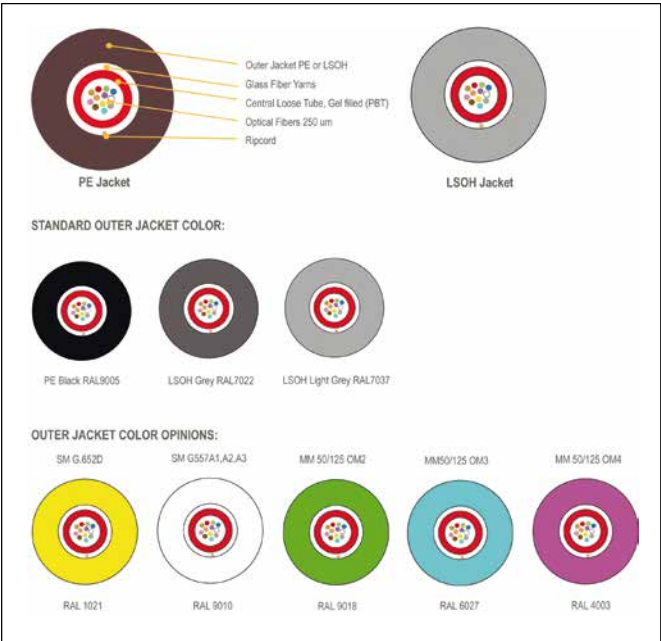
For the professional installation of optical fiber cables DIGITUS® Professional offers a wide range of different types of installation cables. The DIGITUS® Professional product range supplies all cable types, whether with 4, 8 12, or 24 fibers or in different qualities as OM1, OM2, OM3, OM4 and OS2. The halogen-free installation cables comply with the fire protection regulations for buildings.



DIGITUS® Professional universal installation cable are equipped with a halogen-free sheathing. Cable for outdoor use are supplied with a PE sheathing.

The product range provides cable with 4, 8, 12, and 24 fibers and includes the fiber qualities OM1, OM2, OM3, OM4 and OS2.

These can be installed in indoor and outdoor areas. For the exclusive outdoor installation cables with PE sheathing are used. We only work together with the best fiber suppliers; therefore the DIGITUS® Professional cables guarantee highest performance and reliability.



Please use our configurator for Installation Cables.
Write us an E-Mail or give us a call and we will send the configurator to you.

Mechanical Features	
Pulling force:	1800 N
Cross strength:	Constantly 200 N/cm, temporary 500 N/cm
Rodent protection	
Dry interstices	
Metal-free	
Bending radius:	At least 20x outer diameter

Optical Features	
The cables are available in different types of fibers	

Thermal Features	
Storage temperature:	-30° C / +70° C
Install temperature:	-10° C / +50° C
Operating temperature:	-30° C / +70° C

Scope of Delivery and Packaging	
Outer cable on a ring or one-way drum	

Universal Installation Cables

Solide, metal-free fiber optic cables for the inner and outer installation with bundle cores. High cross strength due to the glass filament. Two colored for an

easy identification of the thread and safe opening of the cable sheath. Flame-retardant and halogen-free design with FR/LSOH sheathing.

Mechanical Features	
Pulling force:	1000 N
Cross strength:	Constantly 200 N/cm, temporary 500 N/cm
Rodent protection	
Flame-retardant	
Dry interstices	
Metal-free	
Optical Features	
The cables are available in different types of fibers	
Thermal Features	
Storage temperature:	-25° C / +70° C

Mechanical Features	
Pulling force:	6000 N
Cross strength:	Constantly 300 N/cm, temporary 500 N/cm
Rodent protection	
Flame-retardant	
Dry interstices	
Metal-free	
Scope of Delivery and Packaging	
Outer cable on a ring or one-way drum	

Description	Number of Fibers	Article Number			
FO Universal U-DQ(ZN)BH (Cross strength: 1000 N)		G50/125 µm	G50/125 µm	G50/125 µm	E9/125 µm
		OM2	OM3	OM4	OS2
	4	DK-35042-U	DK-35042/3-U	DK-35042/4-U	---
	6	DK-35062-U	DK-35062/3-U	DK-35062/4-U	---
	8	DK-35082-U	DK-35082/3-U	DK-35082/4-U	---
	12	DK-35122-U	DK-35122/3-U	DK-35122/4-U	DK-29122-A
	24	DK-35242-U	DK-35242/3-U	DK-35242/4-U	DK-29242-A

Outdoor Installation Cables

Solide, metal-free installation cables for the outer installation in central wire constructions. High cross strength for a high transmission reliability. Easy to install and rodent protection due to glass filament.

Two colored for an easy identification of the thread and safe opening of the cable sheath. HDPE-sheath for a stable pipe.

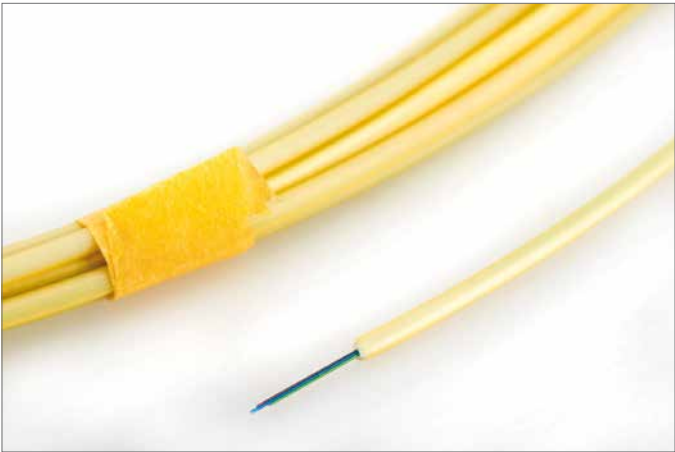
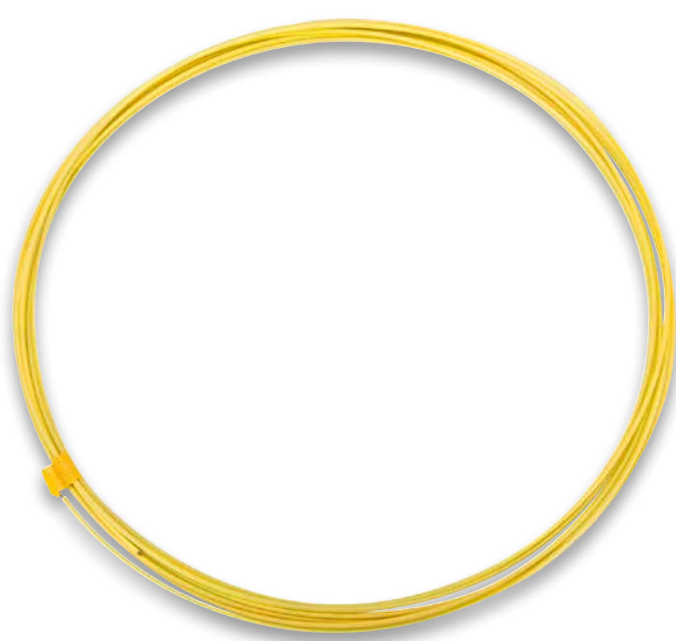
Mechanical Features	
Pulling force:	2500 N
Cross strength:	600 N/cm, temporary 1000 N/cm
Rodent protection	
Flame-retardant	
Dry interstices	
Metal-free	
Scope of Delivery and Packaging	
Outer cable on a ring or one-way drum	

Optical Features	
The cables are available in different types of fibers	
Thermal Features	
Storage temperature:	-40° C / +70° C
Install temperature:	-10° C / +50° C
Operating temperature:	-40° C / +60° C

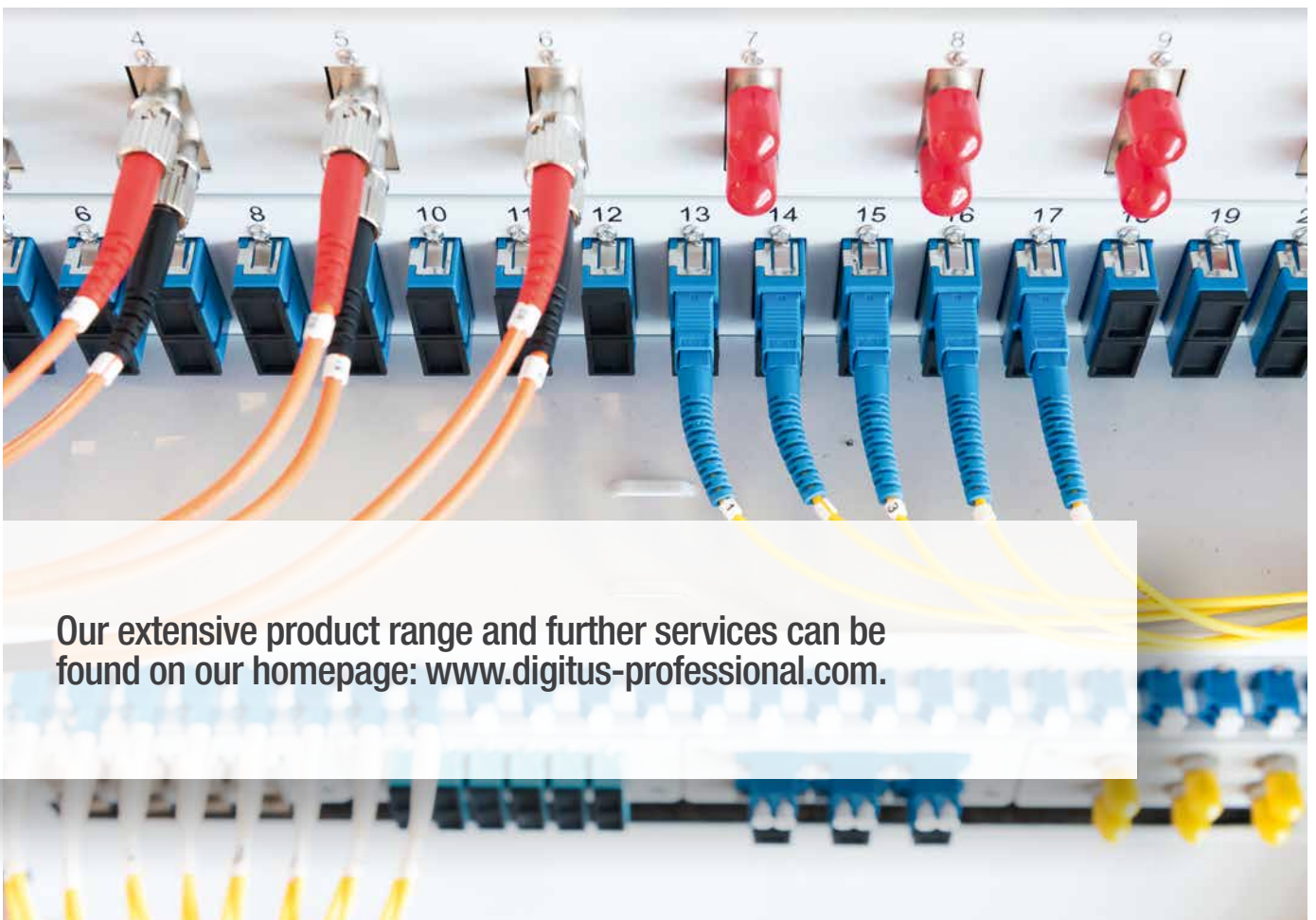
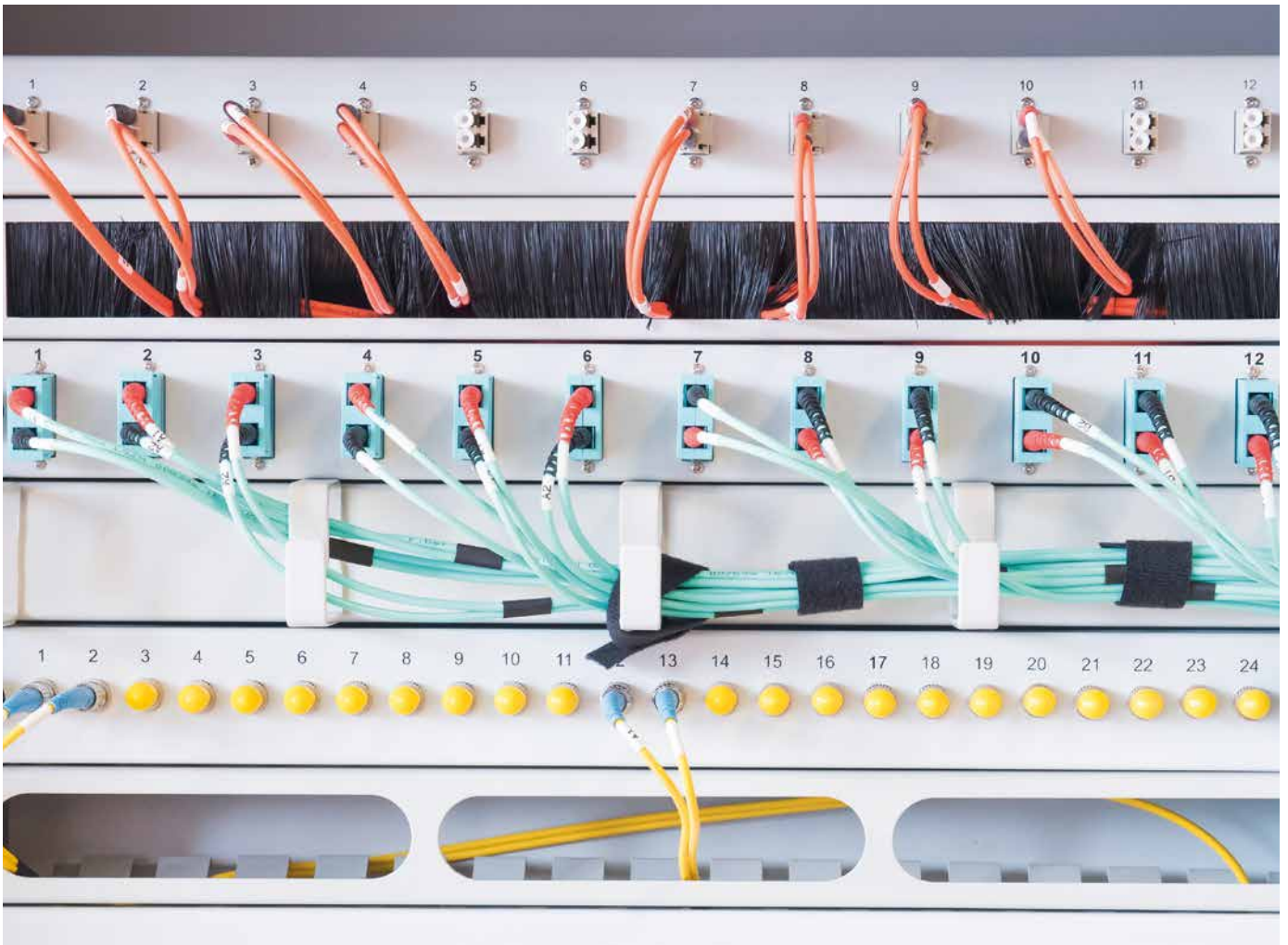
Description	Number of Fibers	Article Number			
FO Universal A-DQ(ZN)B2Y (Cross strength: 6000 N)		G50/125 µm	G50/125 µm	G50/125 µm	E9/125 µm
		OM2	OM3	OM4	OS2
	4	DK-35042-A	DK-35042/3-A	DK-35042/4-A	---
	6	DK-35062-A	DK-35062/3-A	DK-35062/4-A	---
	8	DK-35082-A	DK-35082/3-A	DK-35082/4-A	---
	12	DK-35122-A	DK-35122/3-A	DK-35122/4-A	DK-29122-U
	24	DK-35242-A	DK-35242/3-A	DK-35242/4-A	DK-29242-U
	48	DK-35422-A	DK-35422/3-A	DK-35242/4-A	---

Air-Blow Fiber Optic Cable

Our 4 Fiber Digitus Air Blown Fiber Optical Cable is used to blow it into tubes in a building. It has the international standards IEC 60794-1; TIA/EIA 604-5 and ITU-T G.657.



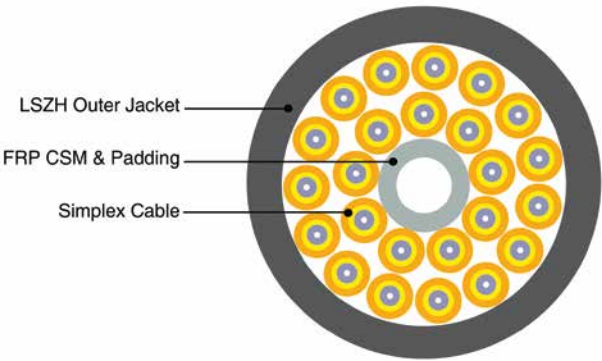
Technical Parameters	
Cable type	Blowing Cable
Fiber type	G.675A1
Fiber color code	Blue, Yellow, Red, Green
Jacket	PE
Cable diameter	2 mm
Minimum Banding radius	20 mm
Crush resistance	1000 N
Attenuation	≤ 0,35 bei 1310 nm
	≤ 0,35 bei 1383 nm
	≤ 0,22 bei 1550 nm
	≤ 0,23 bei 1625 nm
Operation Temperature	- 20 °C bis 70 °C



Breakout Fiber Optic Cables

Optronics breakout cables are constructed of up to 24.2 mm simplex cables stranded around a central strength member. Each simplex has its own aramid yarn strength member and jacket. These sub units are wrapped in a polyester tape and jacketed in LSZH.

- Individual high strength aramid yarn strength members for ease of handling
- Easy to use
- Lightweight and compact
- LSZH jacket



Description		4 CORE LSZH	6 CORE LSZH	8 CORE LSZH	12 CORE LSZH	24 CORE LSZH
Outer diameter	mm	7.0	8.2	9.4	11.8	14.1
Weight	kg/km	46	63	86	139	159
Max. load (installation)	N	500	1000	1100	1400	2300
Max. load (installed)	N	270	600	700	800	1100
Min. bend radius (installation)	mm	140	160	190	240	280
Min. bend radius (installed)	mm	70	80	95	120	140
Fire performance					LSZH	LSZH
Operating temperature	°C	-20~+60	-20~+60	-20~+60	-20~+60	-20~+60
Storage temperature	°C	-20~+60	-20~+60	-20~+60	-20~+60	-20~+60
Installation temperature	°C	-20~+60	-20~+60	-20~+60	-20~+60	-20~+60
Crush resistance	N/100mm	1000	1000	1000	1000	1000



Breakout Fiber Optic Cables



Please use our configurator for Breakout Cables.
Write us an E-Mail or give us a call and we will send the configurator to you.

Singlemode Breakout Cables // SM G.65

1. connector	4 fibers	6 fibers	12 fibers	24 fibers	2. connector
SC	DK-B290420-XX	DK-B290620-XX	DK-B291220-XX	DK-B292420-XX	-
SC	DK-B290422-XX	DK-B290622-XX	DK-B291222-XX	DK-B292422-XX	SC
LC	DK-B290430-XX	DK-B290630-XX	DK-B291230-XX	DK-B292430-XX	-
LC	DK-B290433-XX	DK-B290633-XX	DK-B291233-XX	DK-B292433-XX	LC
E 2000	DK-B290440-XX	DK-B290640-XX	DK-B291240-XX	DK-B292440-XX	-
E 2000	DK-B290444-XX	DK-B290644-XX	DK-B291244-XX	DK-B292444-XX	E 2000
ST	DK-B290410-XX	DK-B290610-XX	DK-B291210-XX	DK-B292410-XX	-
ST	DK-B290411-XX	DK-B290611-XX	DK-B291211-XX	DK-B292411-XX	ST
FC	DK-B290450-XX	DK-B290650-XX	DK-B291250-XX	DK-B292450-XX	-
FC	DK-B290455-XX	DK-B290655-XX	DK-B291255-XX	DK-B292455-XX	FC

Multimode Breakout Cables // 50/125 OM2

1. connector	4 fibers	6 fibers	12 fibers	24 fibers	2. connector
SC / PC	DK-B250420-XX	DK-B250620-XX	DK-B251220-XX	DK-B251220-XX	-
SC / PC	DK-B250422-XX	DK-B250622-XX	DK-B251222-XX	DK-B251222-XX	SC / PC
LC / PC	DK-B250430-XX	DK-B250630-XX	DK-B251230-XX	DK-B251230-XX	-
LC / PC	DK-B250433-XX	DK-B250633-XX	DK-B251233-XX	DK-B251233-XX	LC / PC
E 2000 / PC	DK-B250440-XX	DK-B250640-XX	DK-B251240-XX	DK-B251240-XX	-
E 2000 / PC	DK-B250444-XX	DK-B250644-XX	DK-B251244-XX	DK-B251244-XX	E 2000 / PC
ST / PC	DK-B250410-XX	DK-B250610-XX	DK-B251210-XX	DK-B251210-XX	-
ST / PC	DK-B250411-XX	DK-B250611-XX	DK-B251211-XX	DK-B251211-XX	ST / PC
FC / PC	DK-B250450-XX	DK-B250650-XX	DK-B251250-XX	DK-B251250-XX	-
FC / PC	DK-B250455-XX	DK-B250655-XX	DK-B251255-XX	DK-B251255-XX	FC / PC

Please use the length of the cable from connector to connector instead of the xx in the part number.

Multimode Breakout Cables // 50/125 OM3

1. connector	4 fibers	6 fibers	12 fibers	24 fibers	2. connector
SC / PC	DK-B250420-XX/3	DK-B250620-XX/3	DK-B251220-XX/3	DK-B251220-XX/3	-
SC / PC	DK-B250422-XX/3	DK-B250622-XX/3	DK-B251222-XX/3	DK-B251222-XX/3	SC / PC
LC / PC	DK-B250430-XX/3	DK-B250630-XX/3	DK-B251230-XX/3	DK-B251230-XX/3	-
LC / PC	DK-B250433-XX/3	DK-B250633-XX/3	DK-B251233-XX/3	DK-B251233-XX/3	LC / PC
E 2000 / PC	DK-B250440-XX/3	DK-B250640-XX/3	DK-B251240-XX/3	DK-B251240-XX/3	-
E 2000 / PC	DK-B250444-XX/3	DK-B250644-XX/3	DK-B251244-XX/3	DK-B251244-XX/3	E 2000 / PC
ST / PC	DK-B250410-XX/3	DK-B250610-XX/3	DK-B251210-XX/3	DK-B251210-XX/3	-
ST / PC	DK-B250411-XX/3	DK-B250611-XX/3	DK-B251211-XX/3	DK-B251211-XX/3	ST / PC
FC / PC	DK-B250450-XX/3	DK-B250650-XX/3	DK-B251250-XX/3	DK-B251250-XX/3	-
FC / PC	DK-B250455-XX/3	DK-B250655-XX/3	DK-B251255-XX/3	DK-B251255-XX/3	FC / PC

Multimode Breakout Cables // 50/125 OM4

1. connector	4 fibers	6 fibers	12 fibers	24 fibers	2. connector
SC / PC	DK-B250420-XX/4	DK-B250620-XX-4	DK-B251220-XX/4	DK-B251220-XX/4	-
SC / PC	DK-B250422-XX/4	DK-B250622-XX-4	DK-B251222-XX/4	DK-B251222-XX/4	SC / PC
LC / PC	DK-B250430-XX/4	DK-B250630-XX-4	DK-B251230-XX/4	DK-B251230-XX/4	-
LC / PC	DK-B250433-XX/4	DK-B250633-XX-4	DK-B251233-XX/4	DK-B251233-XX/4	LC / PC
E 2000 / PC	DK-B250440-XX/4	DK-B250640-XX-4	DK-B251240-XX/4	DK-B251240-XX/4	-
E 2000 / PC	DK-B250444-XX/4	DK-B250644-XX-4	DK-B251244-XX/4	DK-B251244-XX/4	E 2000 / PC
ST / PC	DK-B250410-XX/4	DK-B250610-XX-4	DK-B251210-XX/4	DK-B251210-XX/4	-
ST / PC	DK-B250411-XX/4	DK-B250611-XX-4	DK-B251211-XX/4	DK-B251211-XX/4	ST / PC
FC / PC	DK-B250450-XX/4	DK-B250650-XX-4	DK-B251250-XX/4	DK-B251250-XX/4	-
FC / PC	DK-B250455-XX/4	DK-B250655-XX-4	DK-B251255-XX/4	DK-B251255-XX/4	FC / PC

Multimode Breakout Cables // 50/125 OM2

1. connector	4 fibers	6 fibers	12 fibers	24 fibers	2. connector
SC	DK-B250421-XX	DK-B250621-XX	DK-B251221-XX	DK-B251221-XX	ST
SC	DK-B250423-XX	DK-B250623-XX	DK-B251223-XX	DK-B251223-XX	LC
SC	DK-B250434-XX	DK-B250634-XX	DK-B251234-XX	DK-B251234-XX	E 2000
LC	DK-B250431-XX	DK-B250631-XX	DK-B251231-XX	DK-B251231-XX	ST
LC	DK-B250434-XX	DK-B250634-XX	DK-B251234-XX	DK-B251234-XX	E 2000

Multimode Breakout Cables // 50/125 OM3

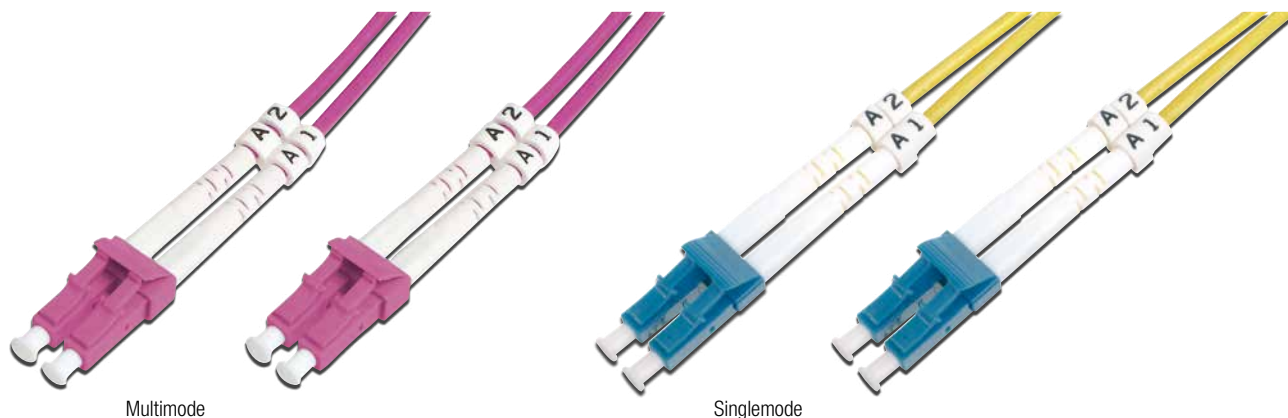
1. connector	4 fibers	6 fibers	12 fibers	24 fibers	2. connector
SC	DK-B250421-XX/3	DK-B250621-XX/3	DK-B251221-XX/3	DK-B251221-XX/3	ST
SC	DK-B250423-XX/3	DK-B250623-XX/3	DK-B251223-XX/3	DK-B251223-XX/3	LC
SC	DK-B250434-XX/3	DK-B250634-XX/3	DK-B251234-XX/3	DK-B251234-XX/3	E 2000
LC	DK-B250431-XX/3	DK-B250631-XX/3	DK-B251231-XX/3	DK-B251231-XX/3	ST
LC	DK-B250434-XX/3	DK-B250634-XX/3	DK-B251234-XX/3	DK-B251234-XX/3	E 2000

Multimode Breakout Cables // 50/125 OM4

1. connector	4 fibers	6 fibers	12 fibers	24 fibers	2. connector
SC	DK-B250421-XX/4	DK-B250621-XX-4	DK-B251221-XX/4	DK-B251221-XX/4	ST
SC	DK-B250423-XX/4	DK-B250623-XX-4	DK-B251223-XX/4	DK-B251223-XX/4	LC
SC	DK-B250434-XX/4	DK-B250634-XX-4	DK-B251234-XX/4	DK-B251234-XX/4	E 2000
LC	DK-B250431-XX/4	DK-B250631-XX-4	DK-B251231-XX/4	DK-B251231-XX/4	ST
LC	DK-B250434-XX/4	DK-B250634-XX-4	DK-B251234-XX/4	DK-B251234-XX/4	E 2000

Please use the length of the cable from connector to connector instead of the xx in the part number.

Duplex Patch Cables LC-LC



Mechanical Features

Connector:	Ceramic ferrule
Construction:	LC (IEC 61754-20)
Bending protection:	Two colored
Cable:	(3x6 mm) ± 0.2 mm I-VH Zipcord, halogen-free
Pulling force:	Aramid (Kevlar)
Plug cycles:	≥ 1000

Scope of Delivery and Packaging

Packed in polybag with measurement report

Optical Features

IL at Multimode:	max. 0.4 dB
IL at Singlemode:	max. 0.5 dB (PC); max. 0.3 dB (APC)
RL at Multimode:	min. 30 dB
RL at Singlemode:	min. 40 dB (PC); min. 60 dB (APC)

Thermal Features

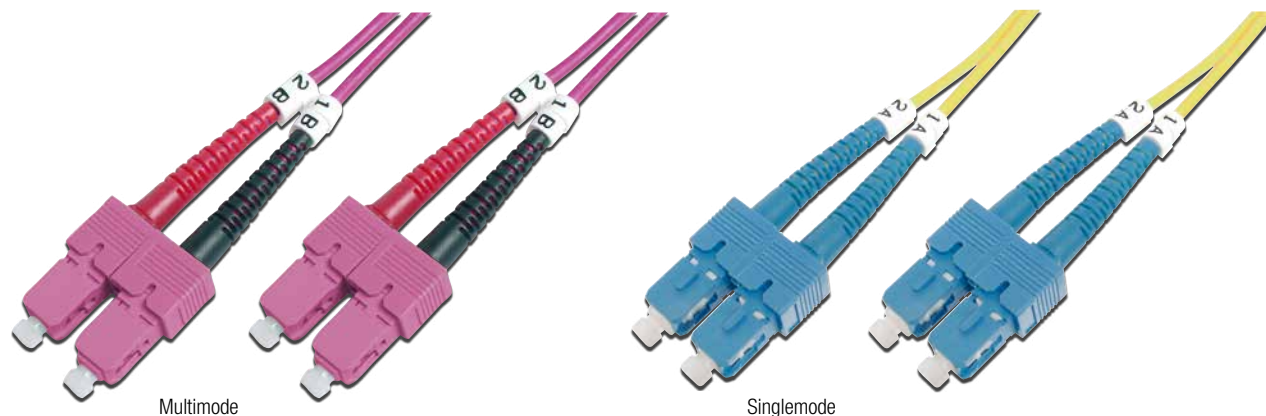
Operating temperature:	-5° C / +55° C
Storage temperature:	-30° C / +70° C

	Multimode OM2 - 50/125 µ	Multimode OM3 - 50/125 µ	Singlemode 9/125 µ PC/PC	Multimode OM4 - 50/125 µ	Singlemode 9/125 µ APC/APC	Singlemode 9/125 µ PC/APC
1,0 m	249030 / DK-2533-01	248859 / DK-2533-01/3	248910 / DK-2933-01	308799 / DK-2533-01-4	309093 / DK-293LCA3LCA-01	309147 / DK-293LCA3LC-01
2,0 m	249054 / DK-2533-02	248866 / DK-2533-02/3	248927 / DK-2933-02	308805 / DK-2533-02-4	309086 / DK-293LCA3LCA-02	309154 / DK-293LCA3LC-02
3,0 m	249047 / DK-2533-03	248873 / DK-2533-03/3	248934 / DK-2933-03	308812 / DK-2533-03-4	309109 / DK-293LCA3LCA-03	309161 / DK-293LCA3LC-03
5,0 m	249061 / DK-2533-05	248880 / DK-2533-05/3	248941 / DK-2933-05	308829 / DK-2533-05-4	309116 / DK-293LCA3LCA-05	309178 / DK-293LCA3LC-05
7,0 m	249078 / DK-2533-07	248897 / DK-2533-07/3	248958 / DK-2933-07	308836 / DK-2533-07-4	309123 / DK-293LCA3LCA-07	309185 / DK-293LCA3LC-07
10,0 m	249085 / DK-2533-10	248903 / DK-2533-10/3	248965 / DK-2933-10	308843 / DK-2533-10-4	309130 / DK-293LCA3LCA-10	309192 / DK-293LCA3LC-10

Description	Article Number			
Patch cable LC to LC	G50/125 µm	G50/125 µm	G50/125 µm	E9/125 µm
	OM2	OM3	OM4	OS2
	DK-2533-xx	DK-2533-xx/3	DK-2533-xx-4	DK-2933-xx

Choose a length for the xx within the article number. For example 5 m OM3 = DK-2533-05/3

Duplex Patch Cables SC-SC



Mechanical Features

Connector:	Ceramic ferrule
Construction:	SC (IEC 61754-4)
Bending protection:	Two colored
Cable:	(3x6 mm) ± 0.2 mm I-VH Zipcord, halogen-free
Pulling force:	Aramid (Kevlar)
Plug cycles:	≥ 1000

Scope of Delivery and Packaging

Packed in polybag with measurement report

Optical Features

IL at Multimode:	max. 0.4 dB
IL at Singlemode:	max. 0.5 dB (PC); max. 0.3 dB (APC)
RL at Multimode:	min. 30 dB
RL at Singlemode:	min. 40 dB (PC); min. 60 dB (APC)

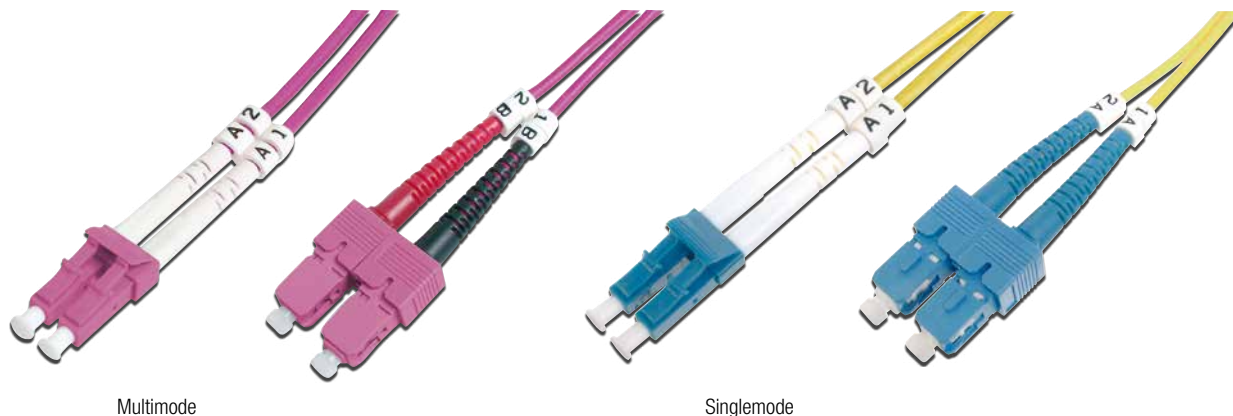
Thermal Features

Operating temperature:	-5° C / +55° C
Storage temperature:	-30° C / +70° C

	Multimode OM2 - 50/125 µ	Multimode OM3 - 50/125 µ	Singlemode 9/125 µ PC/PC	Multimode OM4 - 50/125 µ	Singlemode 9/125 µ APC/APC	Singlemode 9/125 µ PC/APC
1,0 m	248392 / DK-2522-01	248538 / DK-2522-01/3	248736 / DK-2922-01	308850 / DK-2522-01-4	308973 / DK-292SCA2SCA-01	309031 / DK-292SCA2SC-01
2,0 m	248408 / DK-2522-02	248545 / DK-2522-02/3	248743 / DK-2922-02	308867 / DK-2522-02-4	308980 / DK-292SCA2SCA-02	309451 / DK-292SCA2SC-02
3,0 m	248415 / DK-2522-03	248552 / DK-2522-03/3	248750 / DK-2922-03	308874 / DK-2522-03-4	308997 / DK-292SCA2SCA-03	309048 / DK-292SCA2SC-03
5,0 m	248422 / DK-2522-05	248569 / DK-2522-05/3	248767 / DK-2922-05	308881 / DK-2522-05-4	309000 / DK-292SCA2SCA-05	309055 / DK-292SCA2SC-05
7,0 m	248446 / DK-2522-07	248576 / DK-2522-07/3	248774 / DK-2922-07	308898 / DK-2522-07-4	309017 / DK-292SCA2SCA-07	309062 / DK-292SCA2SC-07
10,0 m	248453 / DK-2522-10	248729 / DK-2522-10/3	248781 / DK-2922-10	308904 / DK-2522-10-4	309024 / DK-292SCA2SCA-10	309079 / DK-292SCA2SC-10

Description	Article Number			
Patch cable SC to SC	G50/125 µm	G50/125 µm	G50/125 µm	E9/125 µm
	OM2	OM3	OM4	OS2
	DK-2522-xx	DK-2522-xx/3	DK-2522-xx-4	DK-2922-xx
Choose a length for the xx within the article number. For example 5 m OM3 = DK-2522-05/3				

Duplex Patch Cables LC-SC



Multimode

Singlemode

Mechanical Features

Connector:	Ceramic ferrule
Construction:	LC (IEC 61754-20) - SC (IEC 61754-4)
Bending protection:	Two colored
Cable:	(3x6 mm) ± 0.2 mm I-VH Zipcord, halogen-free
Pulling force:	Aramid (Kevlar)
Plug cycles:	≥ 1000

Scope of Delivery and Packaging

Packed in polybag with measurement report

Optical Features

IL at Multimode:	max. 0.4 dB
IL at Singlemode:	max. 0.5 dB (PC); max. 0.3 dB (APC)
RL at Multimode:	min. 30 dB
RL at Singlemode:	min. 40 dB (PC); min. 60 dB (APC)

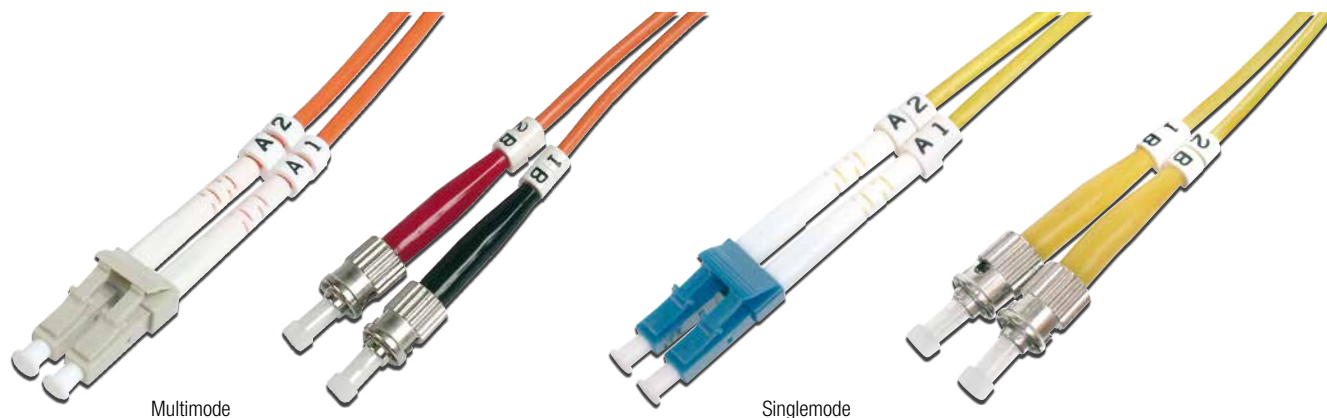
Thermal Features

Operating temperature:	-5° C / +55° C
Storage temperature:	-30° C / +70° C

	Multimode OM2 - 50/125 µ	Multimode OM3 - 50/125 µ	Singlemode 9/125 µ PC/PC	Multimode OM4 - 50/125 µ	Singlemode 9/125 µ APC/APC	Singlemode 9/125 µ SC/APC; LC/PC
1,0 m	249399 / DK-2532-01	249566 / DK-2532-01/3	249634 / DK-2932-01	308911 / DK-2532-01-4	309208 / DK-292SCA3LCA-01	309260 / DK-292SCA3LC-01
2,0 m	249405 / DK-2532-02	249580 / DK-2532-02/3	249641 / DK-2932-02	308928 / DK-2532-02-4	309215 / DK-292SCA3LCA-02	309277 / DK-292SCA3LC-02
3,0 m	249412 / DK-2532-03	249597 / DK-2532-03/3	249658 / DK-2932-03	308935 / DK-2532-03-4	309222 / DK-292SCA3LCA-03	309284 / DK-292SCA3LC-03
5,0 m	249436 / DK-2532-05	249603 / DK-2532-05/3	249665 / DK-2932-05	308942 / DK-2532-05-4	309239 / DK-292SCA3LCA-05	309291 / DK-292SCA3LC-05
7,0 m	249443 / DK-2532-07	249610 / DK-2532-07/3	249672 / DK-2932-07	308959 / DK-2532-07-4	309246 / DK-292SCA3LCA-07	309307 / DK-292SCA3LC-07
10,0 m	249450 / DK-2532-10	249627 / DK-2532-10/3	249689 / DK-2932-10	308966 / DK-2532-10-4	309253 / DK-292SCA3LCA-10	309345 / DK-292SCA3LC-10

Description	Article Number			
Patch cable LC to SC	G50/125 µm	G50/125 µm	G50/125 µm	E9/125 µm
	OM2	OM3	OM4	OS2
	DK-2532-xx	DK-2532-xx/3	DK-2532-xx-4	DK-2932-xx
Choose a length for the xx within the article number. For example 5 m OM3 = DK-2532-05/3				

Duplex Patch Cables LC-ST



Multimode

Singlemode

Mechanical Features

Connector:	Ceramic ferrule
Construction:	LC (IEC 61754-20) - ST (IEC 61754-2)
Bending protection:	Two colored
Cable:	(3x6 mm) ± 0.2 mm I-VH Zipcord, halogen-free
Pulling force:	Aramid (Kevlar)
Plug cycles:	≥ 1000

Scope of Delivery and Packaging

Packed in polybag with measurement report

Optical Features

IL at Multimode:	max. 0.4 dB
IL at Singlemode:	max. 0.5 dB (PC); max. 0.3 dB (APC)
RL at Multimode:	min. 30 dB
RL at Singlemode:	min. 40 dB (PC); min. 60 dB (APC)

Thermal Features

Operating temperature:	-5° C / +55° C
Storage temperature:	-30° C / +70° C

	Multimode OM2 - 50/125 µ	Multimode OM3 - 50/125 µ	Singlemode - 9/125 µ
1,0 m	249153 / DK-2531-01	249276 / DK-2531-01/3	249337 / DK-2931-01
2,0 m	249160 / DK-2531-02	249283 / DK-2531-02/3	249344 / DK-2931-02
3,0 m	249177 / DK-2531-03	249290 / DK-2531-03/3	249351 / DK-2931-03
5,0 m	249184 / DK-2531-05	249306 / DK-2531-05/3	249368 / DK-2931-05
7,0 m	249191 / DK-2531-07	249313 / DK-2531-07/3	249375 / DK-2931-07
10,0 m	249207 / DK-2531-10	249320 / DK-2531-10/3	249382 / DK-2931-10

Description	Article Number			
Patch cable LC to ST	G50/125 µm	G50/125 µm	G50/125 µm	E9/125 µm
	OM2	OM3	OM4	OS2
	DK-2531-xx	DK-2531-xx/3	DK-2531-xx-4	DK-2931-xx

Choose a length for the xx within the article number. For example 5 m OM3 = DK-2531-05/3

Duplex Patch Cables ST-ST



Multimode

Singlemode

Mechanical Features

Connector:	Ceramic ferrule
Construction:	ST (IEC 61754-2)
Bending protection:	Two colored
Cable:	(3x6 mm) ± 0.2 mm I-VH Zipcord, halogen-free
Pulling force:	Aramid (Kevlar)
Plug cycles:	≥ 1000

Scope of Delivery and Packaging

Packed in polybag with measurement report

Optical Features

IL at Multimode:	max. 0.4 dB
IL at Singlemode:	max. 0.5 dB (PC); max. 0.3 dB (APC)
RL at Multimode:	min. 30 dB
RL at Singlemode:	min. 40 dB (PC); min. 60 dB (APC)

Thermal Features

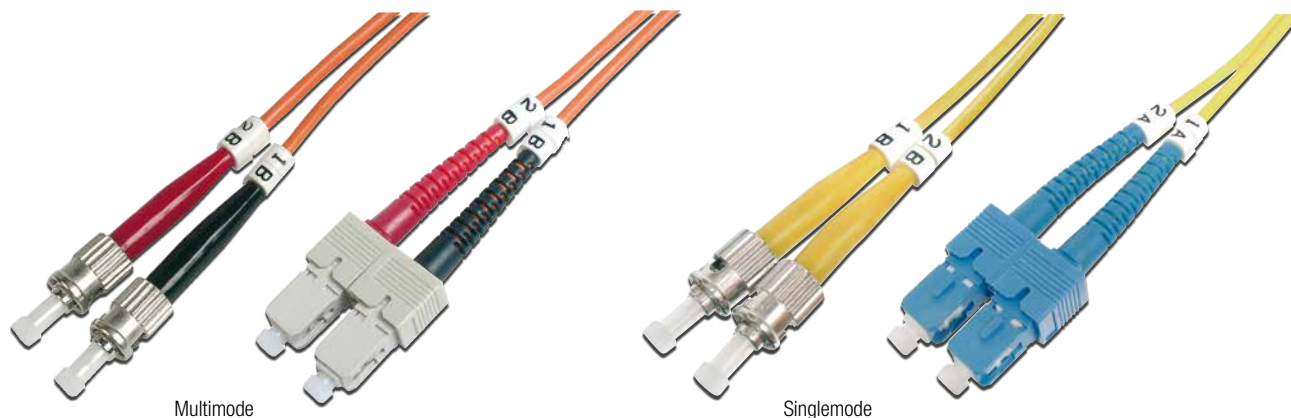
Operating temperature:	-5° C / +55° C
Storage temperature:	-30° C / +70° C

	Multimode OM2 - 50/125 µ	Multimode OM3 - 50/125 µ	Singlemode - 9/125 µ
1,0 m	247999 / DK-2511-01	248279 / DK-2511-01/3	248330 / DK-2911-01
2,0 m	248033 / DK-2511-02	248286 / DK-2511-02/3	248347 / DK-2911-02
3,0 m	248064 / DK-2511-03	248293 / DK-2511-03/3	248354 / DK-2911-03
5,0 m	248118 / DK-2511-05	248309 / DK-2511-05/3	248361 / DK-2911-05
7,0 m	248101 / DK-2511-07	248316 / DK-2511-07/3	248378 / DK-2911-07
10,0 m	248095 / DK-2511-10	248323 / DK-2511-10/3	248385 / DK-2911-10

Description	Article Number			
Patch cable ST to ST	G50/125 µm	G50/125 µm	G50/125 µm	E9/125 µm
	OM2	OM3	OM4	OS2
	DK-2511-xx	DK-2511-xx/3	DK-2511-xx-4	DK-2911-xx

Choose a length for the xx within the article number. For example 5 m OM3 = DK-2511-05/3

Duplex Patch Cables ST-SC



Mechanical Features

Connector:	Ceramic ferrule
Construction:	SC (IEC 61754-4) - ST (IEC 61754-2)
Bending protection:	Two colored
Cable:	(3x6 mm) ± 0.2 mm I-VH Zipcord, halogen-free
Pulling force:	Aramid (Kevlar)
Plug cycles:	≥ 1000

Scope of Delivery and Packaging

Packed in polybag with measurement report

Optical Features

IL at Multimode:	max. 0.4 dB
IL at Singlemode:	max. 0.5 dB (PC); max. 0.3 dB (APC)
RL at Multimode:	min. 30 dB
RL at Singlemode:	min. 40 dB (PC); min. 60 dB (APC)

Thermal Features

Operating temperature:	-5° C / +55° C
Storage temperature:	-30° C / +70° C

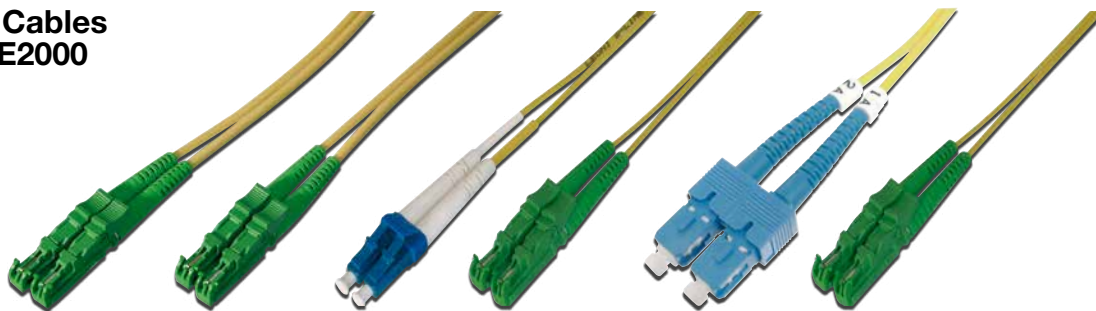
	Multimode OM2 - 50/125 µ	Multimode OM3 - 50/125 µ	Singlemode - 9/125 µ
1,0 m	248606 / DK-2512-01	248972 / DK-2512-01/3	249092 / DK-2912-01
2,0 m	248613 / DK-2512-02	248989 / DK-2512-02/3	249108 / DK-2912-02
3,0 m	248620 / DK-2512-03	248996 / DK-2512-03/3	249115 / DK-2912-03
5,0 m	248637 / DK-2512-05	249009 / DK-2512-05/3	249122 / DK-2912-05
7,0 m	248644 / DK-2512-07	249016 / DK-2512-07/3	249139 / DK-2912-07
10,0 m	248651 / DK-2512-10	249023 / DK-2512-10/3	249146 / DK-2912-10

Description	Article Number			
Patch cable ST to SC	G50/125 µm	G50/125 µm	G50/125 µm	E9/125 µm
	OM2	OM3	OM4	OS2
	DK-2512-xx	DK-2512-xx/3	DK-2512-xx-4	DK-2912-xx

Choose a length for the xx within the article number. For example 5 m OM3 = DK-2512-05/3

Please use our configurator for Patch-Cables.
Write us an E-Mail or give us a call and we will send the configurator to you.

Duplex Patch Cables R&M E2000 - E2000



Mechanical Features

Connector:	Ceramic ferrule
Construction:	E2000 (IEC 61754-15)
Bending protection:	Two colored
Cable:	(3x6 mm) ± 0.2 mm I-VH Zipcord, halogen-free
Pulling force:	Aramid (Kevlar)
Plug cycles:	≥ 1000

Scope of Delivery and Packaging

Packed in polybag with measurement report

Optical Features

IL at Multimode:	max. 0.4 dB
IL at Singlemode:	max. 0.5 dB (PC); max. 0.3 dB (APC)
RL at Multimode:	min. 30 dB
RL at Singlemode:	min. 40 dB (PC); min. 60 dB (APC)

Thermal Features

Operating temperature:	-5° C / +55° C
Storage temperature:	-30° C / +70° C

Description	Article Number		
Patch cable E2000 to xx	OS2	OS2	OS2
	E2000/APC - E2000/APC	E2000/APC - LC/PC	E2000/APC - SC/PC
	AL-9E2000-xxl	AL-9E2000LC-xxl	AL-9E2000-SC-xxl

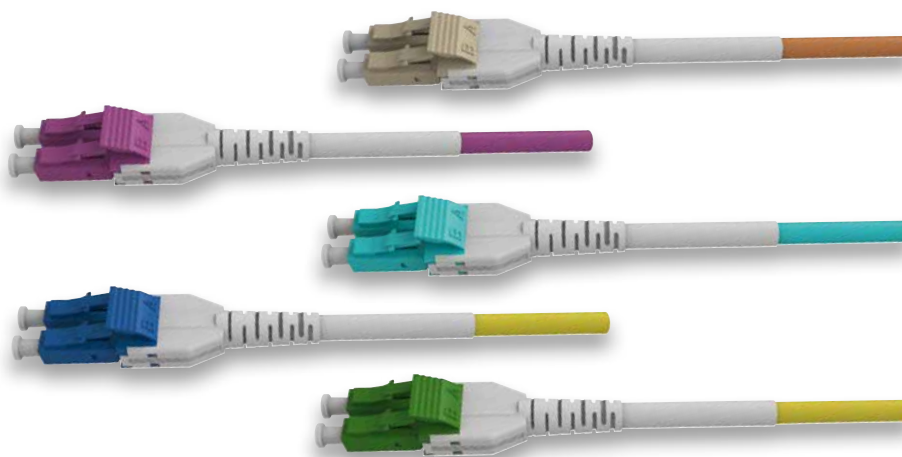
Choose a length for the xx within the article number. For example 5 m OS2 = AL-9E2000-05l

Technical Data E2000 Patch Cables

	E2000/APC 8° - LC/PC AL-9E2000LC-01l ... AL9E2000LC-05l	E2000/APC 8° - SC/PC AL-9E2000SC-01l ... AL9E2000SC-05l	E2000/APC 8° - E2000/APC 8° AL-9E2000-01l ... AL-9E2000-05l
Mechanical Properties			
Primary coating:	Acrylate; Ø 250± 15 µm	Acrylate; Ø 250± 15 µm	Acrylate; Ø 250± 15 µm
Secondary coating:	Ø 0.9 ± 0.1 mm	Ø 0.9 ± 0.1 mm	Ø 0.9 ± 0.1 mm
Coating color:	9/125 OS2: yellow 50/125 OM4: violet 50/125 OM3: aqua 50/125 OM2: green 62.5/125 OM1: orange	9/125 OS2: yellow 50/125 OM4: violet 50/125 OM3: aqua 50/125 OM2: green 62.5/125 OM1: orange	9/125 OS2: yellow 50/125 OM4: violet 50/125 OM3: aqua 50/125 OM2: green 62.5/125 OM1: orange
Cable protection:	Aramid (Kevlar)	Aramid (Kevlar)	Aramid (Kevlar)
Operating temperature:	min: -20 °C max: +60 °C	min: -20 °C max: +60 °C	min: -20 °C max: +60 °C
Storage temperature:	min: -25 °C max: +80 °C	min: -25 °C max: +80 °C	min: -25 °C max: +80 °C
Cable jacket:	LSOH	LSOH	LSOH
Cable building:	SM: 2 x 4 mm or 3 x 6 mm MM: 2.5 x 5 mm	SM: 2 x 4 mm or 3 x 6 mm MM: 2.5 x 5 mm	SM: 2 x 4 mm or 3 x 6 mm MM: 2.5 x 5 mm
Optical Properties			
Insertion loss:	SM APC: max. 0.5 dB	SM APC: max. 0.5 dB	SM PC: max. 0.5 dB MM PC: max. 0.4 dB
Return loss:	SM APC: min. 60 dB	SM APC: min. 60 dB	SM PC: > 35 dB SM SPC: > 45 dB SM UPC: > 50 dB MM PC: > 25 dB
Life cycle:	> 500	> 500	> 1000

Uniboot Patch Cable

The Uniboot patch cable improves handling in applications with high packing density. By Uniboot patch cables you create more space in your rack and the ventilation improved. The 3 mm dual-fiber cable is particularly suitable for easy cable management.



Mechanical Features

Connector:	Ceramic ferrule
Construction:	LC (IEC 61754-20)
Bending protection:	one colored
Cable:	Ø 3mm LSZH halogen-free
Plug cycles:	≥ 500
Bend radius:	3.8 cm

Scope of Delivery and Packaging

Packed in polybag with measurement report

Optical Features

Typical insertion loss:	≤ 0.20 dB
Max. insertion loss:	≤ 0.25 dB
Durability (500 Mating times):	ΔI.L. ≤ 0.25 dB

Thermal Features

Operating temperature:	-20° C / + 75° C
Storage temperature:	-20° C / +85° C

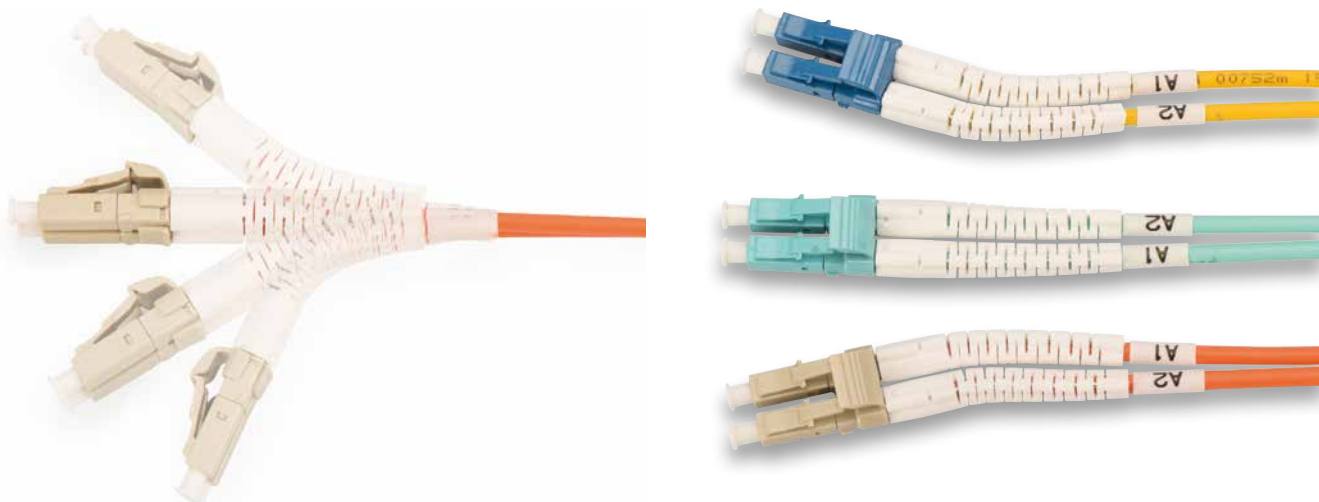
	Multimode OM2 - 50/125 μ	Multimode OM3 - 50/125 μ	Multimode OM4 - 50/125 μ	Singlemode OS2 - 50/125 μ	Singlemode OS2 APC - 50/125 μ
1.0 m	DK-UB2533-01	DK-UB2533-01/3	DK-UB2533-01-4	DK-UB2933-01	DK-UB293LCA3LCA-01
2.0 m	DK-UB2533-02	DK-UB2533-02/3	DK-UB2533-02-4	DK-UB2933-02	DK-UB293LCA3LCA-02
3.0 m	DK-UB2533-03	DK-UB2533-03/3	DK-UB2533-03-4	DK-UB2933-03	DK-UB293LCA3LCA-03
5.0 m	DK-UB2533-05	DK-UB2533-05/3	DK-UB2533-05-4	DK-UB2933-05	DK-UB293LCA3LCA-05
7.0 m	DK-UB2533-07	DK-UB2533-07/3	DK-UB2533-07-4	DK-UB2933-07	DK-UB293LCA3LCA-07
10.0 m	DK-UB2533-10	DK-UB2533-10/3	DK-UB2533-10-4	DK-UB2933-10	DK-UB293LCA3LCA-10

Description	Article Number			
Uniboot Patch Cable LC to LC	G50/125 μm	G50/125 μm	G50/125 μm	E9/125 μm
	OM2	OM3	OM4	OS2 APC
	DK-UB2533-xx	DK-UB2533-xx/3	DK-UB2533-xx-4	DK-UB2933-xx

Choose a length for the xx within the article number. For example 5 m OM3 = DK-UB2533-05/3

Flexibelboot Patchkabel

The patch cable improves the angling of plugs. You can angle the plug up to 90° and hold the position without fiber breaking. Bring your cabinet installation with the Flexibleboot patch cable in a new form and arrangement.



Mechanical Features

Connector:	Ceramic ferrule
Construction:	LC (IEC 61754-20)
Bending protection:	One colored
Cable:	Ø 3mm LSZH halogen-free
Plug cycles:	≥ 500
Bend radius:	3,8 cm

Scope of Delivery and Packaging

Packed in polybag with measurement report

Optical Features

Typical insertion loss:	≤ 0.20 dB
Max. insertion loss:	≤ 0.25 dB
Durability (500 Mating times):	ΔI.L. ≤ 0.25 dB

Thermal Features

Operating temperature:	-20° C / + 75° C
Storage temperature:	-20° C / +85° C

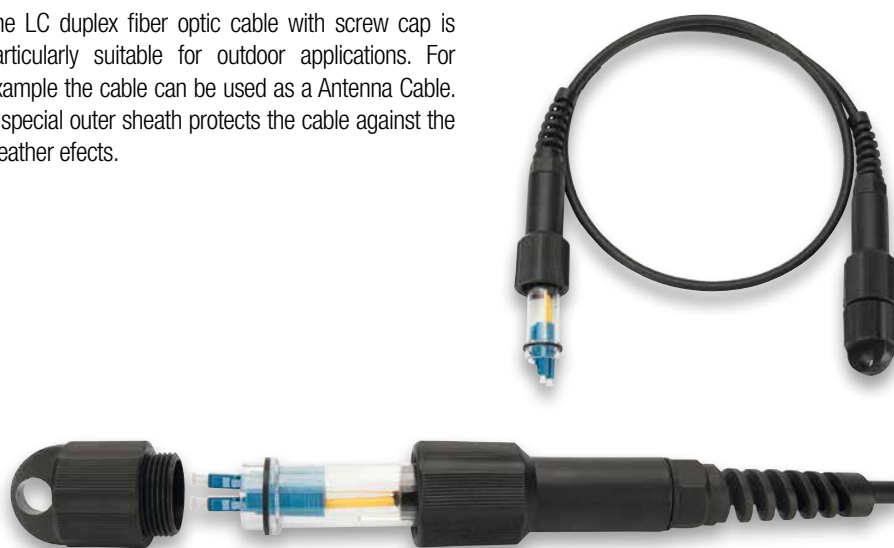
	Multimode OM2 - 50/125 μ	Multimode OM3 - 50/125 μ	Multimode OM4 - 50/125 μ	Singlemode OS2 - 50/125 μ	Singlemode OS2 APC - 50/125 μ
1.0 m	DK-FB2533-01	DK-FB2533-01/3	DK-FB2533-01-4	DK-FB2933-01	DK-FB293LCA3LCA-01
2.0 m	DK-FB2533-02	DK-FB2533-02/3	DK-FB2533-02-4	DK-FB2933-02	DK-FB293LCA3LCA-02
3.0 m	DK-FB2533-03	DK-FB2533-03/3	DK-FB2533-03-4	DK-FB2933-03	DK-FB293LCA3LCA-03
5.0 m	DK-FB2533-05	DK-FB2533-05/3	DK-FB2533-05-4	DK-FB2933-05	DK-FB293LCA3LCA-05
7.0 m	DK-FB2533-07	DK-FB2533-07/3	DK-FB2533-07-4	DK-FB2933-07	DK-FB293LCA3LCA-07
10.0 m	DK-FB2533-10	DK-FB2533-10/3	DK-FB2533-10-4	DK-FB2933-10	DK-FB293LCA3LCA-10

Description	Article Number			
Patch cable with flexible kink protection LC to LC	G50/125 μm	G50/125 μm	G50/125 μm	E9/125 μm
	OM2	OM3	OM4	OS2 APC
	DK-FB2533-xx	DK-FB2533-xx/3	DK-FB2533-xx-4	DK-FB2933-xx

Choose a length for the xx within the article number. For example 5 m OM3 = DK-FB2533-05/3

Splash water-protected Patch Cable

The LC duplex fiber optic cable with screw cap is particularly suitable for outdoor applications. For Example the cable can be used as a Antenna Cable. A special outer sheath protects the cable against the weather effects.



Mechanical Features

Connector:	Ceramic ferrule
Construction:	LC (IEC 61754-20)
Cable:	Ø 7 mm LSZH halogen-free
Dust cap:	PA
Outer housing:	PA
Boot:	PA

Scope of Delivery and Packaging

Packed in polybag with measurement report

Optical Features

Typical insertion loss:	≤ 0.20 dB
Max. insertion loss:	≤ 0.25 dB
Durability (500 Mating times):	ΔI.L. ≤ 0.25 dB

Thermal Features

Operating temperature:	-20° C / + 75° C
Storage temperature:	-20° C / +85° C

	Multimode OM2 - 50/125 μ	Multimode OM3 - 50/125 μ	Multimode OM4 - 50/125 μ	Singlemode OS2 - 50/125 μ
1.0 m	DK-WR2533-01	DK-WR2533-01/3	DK-WR2533-01-4	DK-WR2933-01
2.0 m	DK-WR2533-02	DK-WR2533-02/3	DK-WR2533-02-4	DK-WR2933-02
3.0 m	DK-WR2533-03	DK-WR2533-03/3	DK-WR2533-03-4	DK-WR2933-03
5.0 m	DK-WR2533-05	DK-WR2533-05/3	DK-WR2533-05-4	DK-WR2933-05
7.0 m	DK-WR2533-07	DK-WR2533-07/3	DK-WR2533-07-4	DK-WR2933-07
10.0 m	DK-WR2533-10	DK-WR2533-10/3	DK-WR2533-10-4	DK-WR2933-10
15.0 m	DK-WR2533-15	DK-WR2533-15/3	DK-WR2533-15-4	DK-WR2933-15
20.0 m	DK-WR2533-20	DK-WR2533-20/3	DK-WR2533-20-4	DK-WR2933-20
30.0 m	DK-WR2533-30	DK-WR2533-30/3	DK-WR2533-30-4	DK-WR2933-30

Description	Article Number			
Splash water-protected Patch Cable LC to LC	G50/125 μm	G50/125 μm	G50/125 μm	E9/125 μm
	OM2	OM3	OM4	OS2
	DK-WR2533-xx	DK-WR2533-xx/3	DK-WR2533-xx-4	DK-WR2933-xx

Choose a length for the xx within the article number. For example 5 m OM3 = DK-WR2533-05/3

Technical Data Pigtails

	ST DK-25112-02 ... DK-25112-02/3	SC DK-25221-02 ... DK-25221-02/3	LC DK-25332-02 ... DK-25332-02/3	E2000/APC 8° AL-9FPE2000-02I
Mechanical Properties				
Primary coating:	Acrylate; Ø 250± 15 µm	Acrylate; Ø 250± 15 µm	Acrylate; Ø 250± 15 µm	Acrylate; Ø 250± 15 µm
Secondary coating:	Ø 0.9 ± 0.1 mm	Ø 0.9 ± 0.1 mm	Ø 0.9 ± 0.1 mm	Ø 0.9 ± 0.1 mm
Coating (buffer) color:	SM: yellow 50/125 OM2: green 50/125 OM3: Aqua 62.5/125 OM1: orange	SM: yellow 50/125 OM2: green 50/125 OM3: Aqua 62.5/125 OM1: orange	SM: yellow 50/125 OM2: green 50/125 OM3: Aqua 62.5/125 OM1: orange	SM: yellow 50/125 OM2: green 50/125 OM3: Aqua 62.5/125 OM1: orange
Isolation stranded wire:	hytrel / kevlar; Ø 1.4 mm (± 0.2 mm)	hytrel / kevlar; Ø 1.4 mm (± 0.2 mm)	hytrel / kevlar; Ø 1.4 mm (± 0.2 mm)	hytrel / kevlar; Ø 1.4 mm (± 0.2 mm)
Operating temperature:	min: -20 °C max: +60 °C	min: -20 °C max: +60 °C	min: -20 °C max: +60 °C	min: -20 °C max: +60 °C
Storage temperature:	min: -25 °C max: +80 °C	min: -25 °C max: +80 °C	min: -25 °C max: +80 °C	min: -25 °C max: +80 °C
Optical Properties				
Insertion loss:	SM PC: max. 0.5 dB MM PC: max. 0.4 dB	SM PC: max. 0.5 dB MM PC: max. 0.4 dB	SM PC: max. 0.5 dB MM PC: max. 0.4 dB	SM PC: max. 0.5 dB MM PC: max. 0.4 dB
Return loss:	SM PC : > 35 dB MM PC: > 25 dB	SM PC : > 35 dB SM SPC: > 45 dB SM UPC: > 50 dB MM PC: > 25 dB	SM PC : > 35 dB SM SPC: > 45 dB SM UPC: > 50 dB MM PC: > 25 dB	SM PC : > 35 dB SM SPC: > 45 dB SM UPC: > 50 dB MM PC: > 25 dB
Life cycle:	> 500 connections	> 500 connections	> 500 connections	> 1000 connections

E2000 Pigtail Simplex

Cost reduction by verifiable quality and high performance
Simplex OS 2 09/125 µ 2 m

- Connector 1: E2000 (APC)
- Fiber class: OS2
- Fiber diameter: 9/125 µ
- Mode: Singlemode
- Color cable: Yellow
- Boot: Single-color
- Length: 2 m
- Packaging: Polybag



204848 / AL-9FPE2000-02I
E2000 Pigtail with 8° (APC), simplex, 2 m, R&M

273769 / AL-9FPE2000-02I-1
E2000 Pigtail with 8° (APC), simplex, 2 m, Diamond

Set of 12 Pigtails Colored IEC 60304

Mechanical Features

Connector: > 1000 stretches

Pulling force: > 100 N

Material connector pin (ferrule): Zirconia ceramic

Material enclosure: Thermoplastic resin

Wire structure: Acrylat Ø 250 ± 15 µm

Measurement for secondary coating: Ø 0.9 ± 0.1 mm

Scope of Delivery and Packaging

Pigtail incl. dust covers and measurement report

Packed in polybag

Optical Features

IL at Multimode: max. 0.4 dB

IL at Singlemode: max. 0.5 dB (PC); max. 0.3 dB (APC)

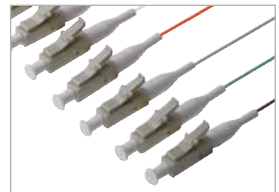
RL at Multimode: min. 30 dB

RL at Singlemode: min. 40 dB (PC); min. 60 dB (APC)

Thermal Features

Operating temperature: -20° C / +80° C

Storage temperature: -40° C / +90° C



Description	Article Number			
	G50/125 µm	G50/125 µm	G50/125 µm	E9/125 µm
Pigtailset 2 m (12 Pigtails)	OM2	OM3	OM4	OS2
LC	DK-25332-xx	DK-25332-xx/3	DK-25332-xx-4	DK-29332-xx

Please use the length of the cable from connector to connector instead of the xx in the part number.



Description	Article Number			
	G50/125 µm	G50/125 µm	G50/125 µm	E9/125 µm
Pigtailset 2 m (12 Pigtails)	OM2	OM3	OM4	OS2
SC	DK-25221-xx	DK-25221-xx/3	DK-25221-xx-4	DK-29221-xx

Please use the length of the cable from connector to connector instead of the xx in the part number.



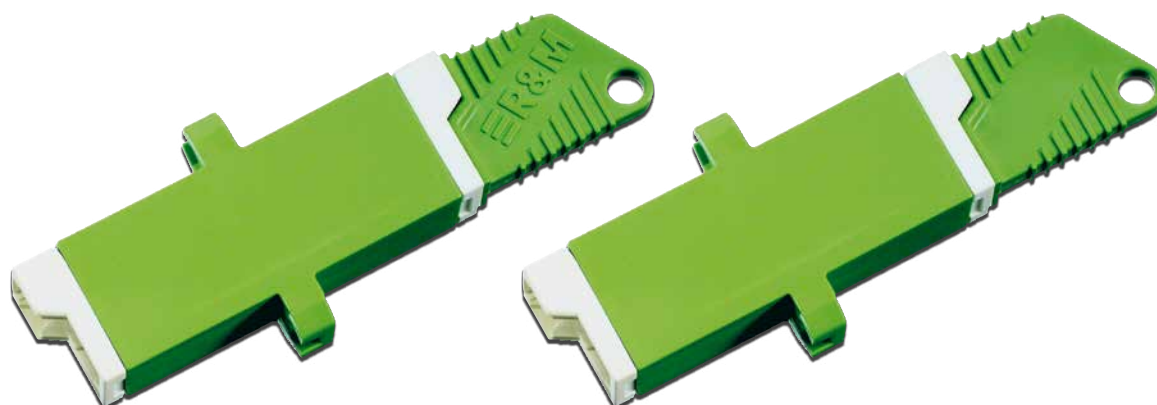
Description	Article Number			
	G50/125 µm	G50/125 µm	G50/125 µm	E9/125 µm
Pigtailset 2 m (12 Pigtails)	OM2	OM3	OM4	OS2
ST	DK-25122-xx	DK-25122-xx/3	DK-26122-xx-4	DK-29122-xx

Please use the length of the cable from connector to connector instead of the xx in the part number.

	ST	SC	LC	E2000 ALWL-E2000
Standards				
Connector:	IEC 61754-2 1996	IEC 61754-4 2002	IEC 61754-15 2009	IEC 61754-15 2009
Mechanical Properties				
Material connector ferrule:	zirconia ceramic	zirconia ceramic	zirconia ceramic	zirconia ceramic
Material inner adaptor sleeve:	SM: zirconia ceramic MM: phosphor bronze	SM: zirconia ceramic MM: phosphor bronze	SM: zirconia ceramic MM: phosphor bronze	SM: zirconia ceramic MM: phosphor bronze
Material housing plug/coupler:	nickel plated zinc alloy	PBT	PBT	PEI ULTEM
Material connector body/adaptor body:	flame retard, elastomer, non halogen	flame retard, elastomer, non halogen	flame retard, elastomer, non halogen	flame retard, elastomer, non halogen
Mating cycle:	1000	1000	1000	1000
Operating temperature:	min: -40 °C max: +85 °C	min: -40 °C max: +85 °C	min: -40 °C max: +85 °C	min: -40 °C max: +85 °C
Storage temperature:	min: -20 °C max: +65 °C	min: -20 °C max: +65 °C	min: -20 °C max: +65 °C	min: -20 °C max: +65 °C
Optical Properties				
Insertion loss connector:	< 0.2 dB	< 0.2 dB	< 0.2 dB	< 0.2 dB
Return loss:	SM PC : > 35 dB MM PC : > 25 dB	SM PC : > 35 dB MM PC : > 25 dB	SM PC : > 35 dB MM PC : > 25 dB	SM PC : > 35 dB MM PC : > 25 dB

E2000 Couplers, Simplex

- acc. IEC61754-15, DIN EN 186270
- Singlemode
- Polymer housing (PBT); fiber-glass reinforced (LSOH)
- Zirkonia ceramic ferrule
- 8° APC
- Color: green



204855 / ALWL-E2000

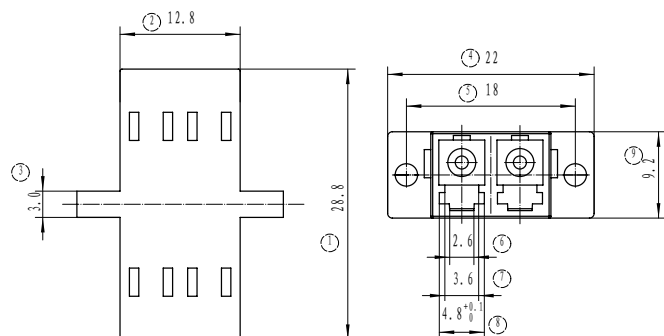
R&M, simplex, 8° APC singlemode, ceramic ferrule, green color, incl. mounting screws

273783 / ALWL-E2000-1

Diamond 0.1 dB, simplex, 8° APC singlemode, ceramic ferrule, with snap in / Clip (A), green color, diamond

LC / LC Coupler, Duplex

- LC / LC
- Duplex
- Zirconia ceramic ferrule
- Polymer housing
- Incl. fixing material



335764 / DN-96007-1

LC / LC coupler, singlemode, ceramic ferrule, blue, OS2

335870 / DN-96008-1

LC / LC coupler, multimode, ceramic ferrule, grey, OM2

335917 / DN-96009-1

LC / LC coupler, multimode, ceramic ferrule, aqua, OM3

342298 / DN-96019-1

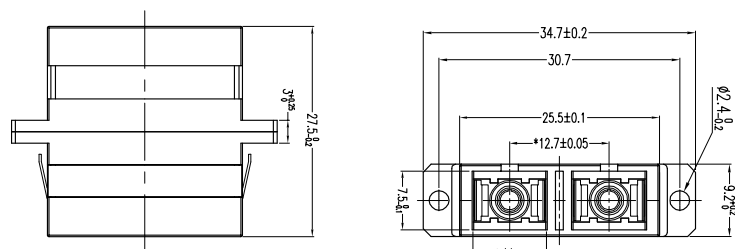
LC / LC coupler, multimode, ceramic ferrule, violett, OM4

370567 / DN-96009-0F

LC / LC coupler, multimode, ceramic ferrule, aqua, without wings

SC / SC Coupler, Duplex

- SC / SC
- Duplex
- Zirkonia ceramic ferrule
- Polymer housing
- Incl. fixing material



335634 / DN-96003-1

SC / SC coupler, singlemode, ceramic ferrule, blue, OS2

335665 / DN-96004-1

SC / SC coupler, multimode, ceramic ferrule, grey, OM2

335689 / DN-96005-1

SC / SC coupler, multimode, ceramic ferrule, aqua, OM3

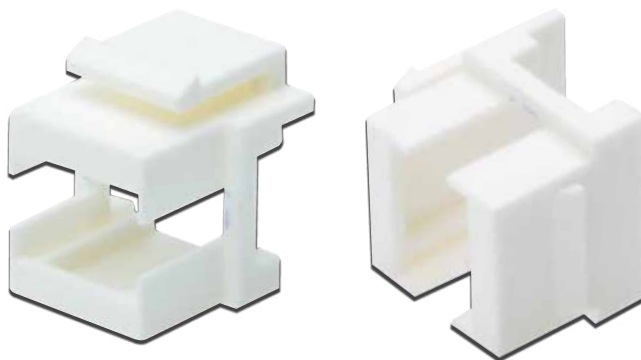
342281 / DN-96018-1

SC / SC coupler, multimode, ceramic ferrule, violett, OM4

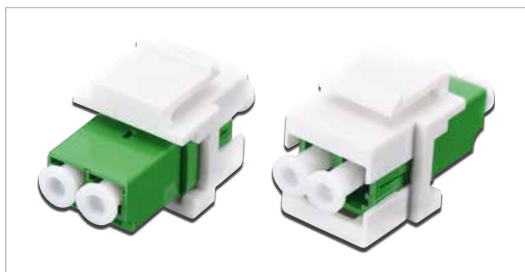
LC Keystone Frame for Patch Panels

The fiber optic solution for modular patch panels

- Keystone frame for LC couplers
- Color: grey or black



Application Example

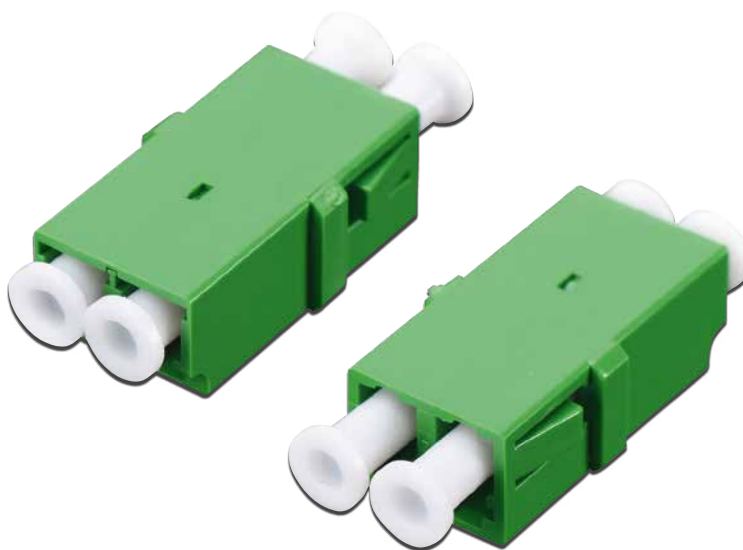
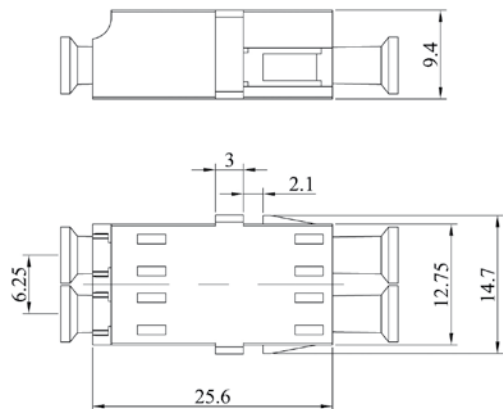


342274 / DN-BLIND-LC

LC Keystone frame for LC couplers, grey

LC / LC Coupler, Multimode

- Ideal for Keystone adapter
- Zirconia ceramic ferrule
- Polymer housing
- Multimode
- Color: aqua

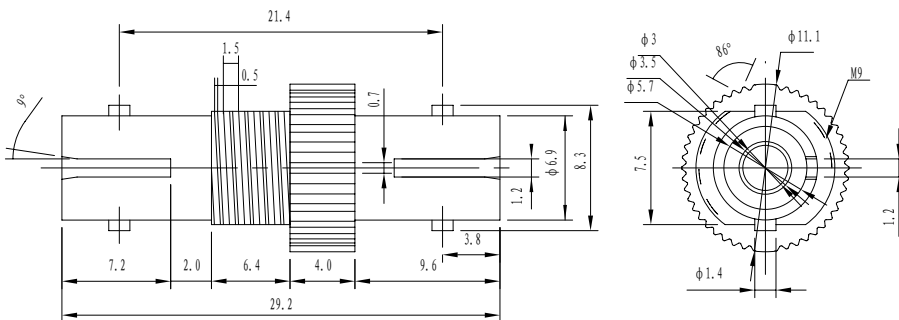


370567 / DN-96009-OF

LC / LC coupler, multimode, ceramic ferrule, aqua, without wings

ST / ST Couplers, Simplex

- ST / ST
- Simplex
- Zirconia ceramic ferrule
- Metal housing
- Yellow dust protection caps
- Incl. fixing material



335597 / DN-96001-1

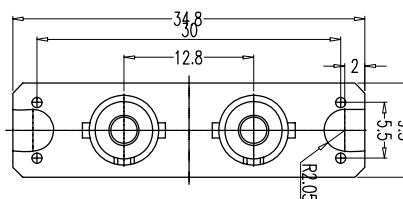
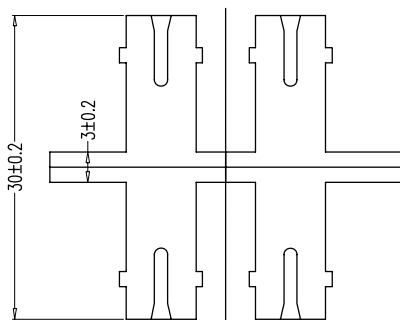
ST / ST coupler, singlemode, ceramic ferrule, metal housing, protective cap yellow

335610 / DN-96002-1

ST / ST coupler, singlemode, ceramic ferrule, metal housing, protective cap black

ST / ST Couplers, Duplex

- ST / ST
- Duplex
- Zirconia ceramic ferrule
- Metal housing
- Dust protection caps
- Incl. fixing material



342076 / DN-96020-1

ST / ST duplex coupler, multimode, ceramic ferrule, metal housing, protective cap yellow

342489 / DN-96021-1

ST / ST duplex coupler, multimode, ceramic ferrule, metal housing, protective cap black

Splice Cassettes, pre-assembled with 12 Pigtails

The splicing cassette is assembled with pigtails. They are cut at 2m and arranged according to color code fiber IEC 60 304th A sticker on the top of the cassette shows the color code used for the pigtails. Each assembled splice cassette is tested and thus guarantees the best quality and optimum Performance for your network.

Mechanical Features

Service time:	> 1000 (bendings)
Pulling force:	Cable strap and PG screw connection
Material connector pin (ferrule):	Zirconia ceramic
Material enclosure:	Thermoplastic resin flame retardent, halogen-free
Wire structure:	Acrylat Ø 250 ± 15 µm
Measurement for secondary coating:	Ø 0.9 ± 0.1 mm

Scope of Delivery and Packaging

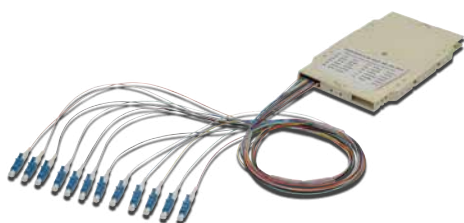
Pigtail incl. dust cover and measurement report
Packed in a polybag

Optical Features

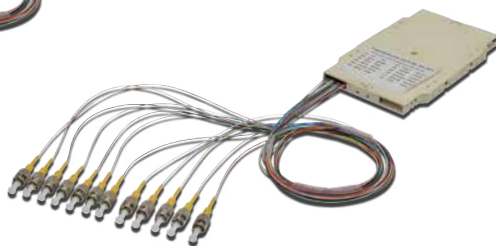
IL at Multimode:	max. 0.4 dB
IL at Singlemode:	max. 0.5 dB (PC); max. 0.3 dB (APC)
RL at Multimode:	min. 30 dB
RL at Singlemode:	min. 40 dB (PC); min. 60 dB (APC)

Thermal Features

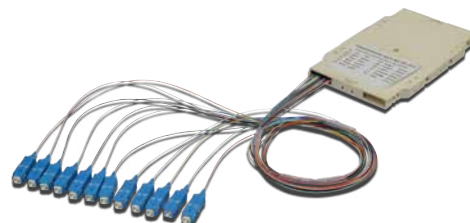
Operating temperature:	-20° C / +80° C
Storage temperature:	-40° C / +90° C



Splice Cassette with 12 LC Pigtails



Splice Cassette with 12 ST Pigtails



Splice Cassette with 12 SC Pigtails

Description	Article Number				
	G50/125 µm	G50/125 µm	G50/125 µm	E9/125 µm	E9/125 µm
Splice Cassette with 12 Pigtails	OM2	OM3	OM4	OS2	OS2 APC
LC	A-96533-02-UPC 319306	A-96533-02-UPC-3 319337	A-96533-02-UPC-4 319368	A-96933-02-UPC 319160	A-96933-02-APC 391191

Description	Article Number				
	G50/125 µm	G50/125 µm	G50/125 µm	E9/125 µm	E9/125 µm
Splice Cassette with 12 Pigtails	OM2	OM3	OM4	OS2	OS2 APC
SC	A-96522-02-UPC 319283	A-96522-02-UPC-3 319313	A-96522-02-UPC-4 319344	A-96922-02-UPC 319139	A-96922-02-APC 319177

Description	Article Number				
	G50/125 µm	G50/125 µm	G50/125 µm	E9/125 µm	E9/125 µm
Splice Cassette with 12 Pigtails	OM2	OM3	OM4	OS2	OS2 APC
ST	A-96511-02-UPC 319290	A-96511-02-UPC-3 319320	A-96511-02-UPC-4 319351	A-96911-02-UPC 319146	A-96911-02-APC 319184

Individual Solutions with MPO/MTP®

The MPO/MTP® cable is designed for system solutions in data centers. This Fiber optic cable is typically equipped with 12 or 24 fibers. The plug you can get as a PC or as APC, usually with an attenuation of 0.3 dB. This cable is available as Trunk or round cable. MPO/MPT® plugs are available as male and female. Often the MPO cable is also with LC or SC connectors combined.

Our DIGITUS® Professional MPO/MTP® cables meet all the standard IEC61754-7 and the standard EN 50173-5. To insert the MPO/MPT® cables in the data center, they are

either used as normal Ablink with same connectors or as fan-out with LC or SC couplers. Of course you can use boxes for installation in the rack. Here then lies on one side of the MPO/MPT® connection and on the other hand, the SC or LC Couplers. The fibers are as OS2 and as OM2, OM3 and OM4 available.

Mechanical Features

Plug:	MPO female
Cable:	Ø 4.5 mm ± 0.2 mm, halogen-free (12 fibers) 7.5 x 4,5 mm ± 0.2 mm, halogen-free (24 fibers)
Pulling force:	Aramid (Kevlar)
Plug cycles:	≥ 500
Polarity:	Typ A
Bending radius:	15x outer diameter
Fan-Out-Cable:	0.9 mm

Optical Features

IL at Multimode:	max. 0.4 dB
IL at Singlemode:	max. 0.5 dB (PC); max. 0.3 dB (APC)
RL at Multimode:	min. 30 dB
RL at Singlemode:	min. 60 dB (APC)

Thermal Features

Operating temperature:	-40° C / +75° C
Storage temperature:	-40° C / +75° C



Please use our configurator for MPO cables.

Write us an E-Mail or give us a call and we will send the configurator to you.

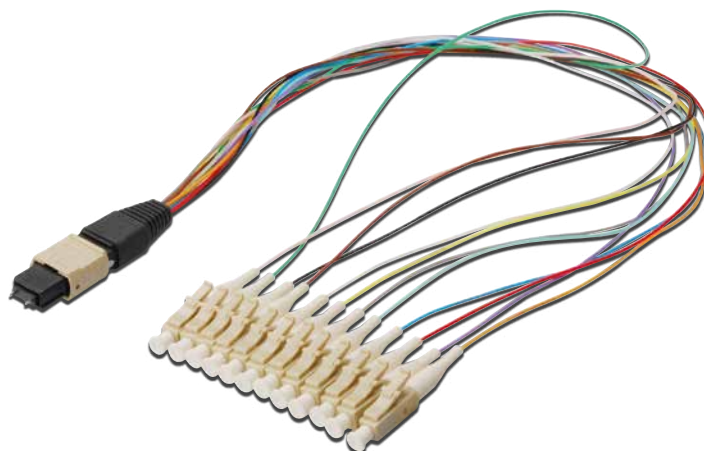
Description	Article Number			
	OM2	OM3	OM4	OS2
MPO to MPO	DK-25662-xx	DK-25662-xx/3	DK-25662-xx-4	DK-29662-xx
MPO to LC	DK-25631-xx	DK-25631-xx/3	DK-25631-xx-4	DK-29631-xx
MPO to SC	DK-25621-xx	DK-25621-xx/3	DK-25621-xx-4	DK-29621-xx

Choose a length for the xx within the article number. For example 5 m OM3 = DK-25662-05/3

MPO/MTP®-LC/SC Fan-Out Cables, 0.9 mm, OM4

Best performance and link quality
for your network

- Plug: MPO/PC - LC/SC, PC/MM/0.9
- Cable typ: trunk cable/OM4/LS2H
- IL MPO: 0.5 < dB/SC: < 0.3 dB
- Color: Multi-colored



Please use our configurator for MPO cables.
Write us an E-Mail or give us a call and we will send the configurator to you.

Description	Article Number
	OM4
MPO to 12 LC	DK-25631-xx-4
MPO to 12 SC	DK-25621-xx-4
Choose a length for the xx within the article number. For example 5 m OM3 = DK-25631-05-4	

MPO/MTP® Trunk Cables

Best performance and link quality
for your network

- Plug: MTP/MTP/APC/SM
- Cable typ: trunk cable/12C SM/OM4/Fiber 9/125
- IL MPO: 0.5 < dB
- Color: aqua



Please use our configurator for MPO cables.
Write us an E-Mail or give us a call and we will send the configurator to you.

Description	Article Number
	OM4
MPO male to MPO female	DK-25662-xx-4
Choose a length for the xx within the article number. For example 5 m OM3 = DK-25662-05-4	

MPO/MTP® Cassettes OM4

Light weight, small size and easy installation

- Housing of sheet steel
- 1x MPO/2 x LC/SC OM4
- Equipped with Fan-Out cable OM4
- Color: black



Description	Artikelnummer
	OM4
6x LC DX & 12 fibers	DN-96313-12 / 307655
6x SC DX & 12 fibers	DN-96312-12 / 307648

3x MPO/MTP® Frontplate for Fiber Optic Splice Box

Sliding Distribution box for 3 cassettes

- 19" housing
- Extensible
- Unassembled
- For 3x MPO/MTP® cassettes
- Easy installation
- Color: black RAL 9005



MPO Fan-Out Cassettes, equipped

Mechanical properties

- Cassette: Sheet steel varnished RAL 9005
- Installation: In HD Panel
- Frontplate: With mounted couplers
- Labeling: Labeling card
- Fan-Out: Mounted according IEC 60304
- Dimensions (HxBxT): 38.5 x 80 x 172 mm
- Working temperature: -40/+70° C
- Storage temperature: -40/+70° C

Optical properties

- MTP®
- IL with Multimode: Max. 0.6 dB
- IL with Singlemode: Max. 0.75 dB (APC)
- RL with Multimode: Min. 20 dB
- RL with Singlemode: Min. 55 dB (APC)
- Fan-Out plug
- IL with Multimode: Max. 0.4 dB ¹
- IL with Singlemode: Max. 0.5 dB (APC) ¹
- RL with Multimode: Min. 30 dB ¹
- RL with Singlemode: Min. 60 dB (APC) ¹

¹ all values during assembling



Article Number	Assembly			Couplers		Plug
	Couplers	Pigtails	Fiber type	Color	Sleeve	Polish
DN-966212-SX	12 x SC-SX	12 x SC	G50/125μ - OM2	beige	PhrBr	PC
DN-966212-SX/3			G50/125μ - OM3	aqua	PhrBr	PC
DN-966212-SX/4			G50/125μ - OM4	violet	ceramic	PC
DN-966212-SX/9			E9/125μ - OS2	green	ceramic	APC
DN-96626-DX	6 x SC-DX	12 x SC	G50/125μ - OM2	beige	PhrBr	PC
DN-96626-DX/3			G50/125μ - OM3	aqua	PhrBr	PC
DN-96626-DX/4			G50/125μ - OM4	violet	ceramic	PC
DN-96626-DX/9			E9/125μ - OS2	green	ceramic	APC
DN-96636-DX	6 x LC-DX	12 x LC	G50/125μ - OM2	beige	ceramic	PC
DN-96636-DX/3			G50/125μ - OM3	aqua	ceramic	PC
DN-96636-DX/4			G50/125μ - OM4	violet	ceramic	PC
DN-96636-DX/9			E9/125μ - OS2	green	ceramic	APC
DN-96636-QD	6 x LC-Quad	24 x LC	G50/125μ - OM2	beige	ceramic	PC
DN-96636-QD/3			G50/125μ - OM3	aqua	ceramic	PC
DN-96636-QD/4			G50/125μ - OM4	violet	ceramic	PC
DN-96636-QD/9			E9/125μ - OS2	green	ceramic	APC

MPO/MTP® HD Modular Patch Panels

- Housing: Sheet steel painted RAL 9005
- Slots: For max. 5 HD trays
- Input: 120 fibers (24 fibers/tray)
- Dimensions (HxWxD): 44.45 (1 HE) x 482 (19") x 271 mm



DN-96610



DN-96600



Application example



351054 / **DN-96610**
MTP®/MPO HD modular patch panel

351061 / **DN-96600**
Blind module for MTP®/MPO HD modular patch panel

Fiber Optic Splice Boxes //

A splice box can be installed in a network cabinet, it is a beginning, an end, or a distribution of a fiber optic line, which is individually splitted in fibers. We develop our splice boxes according to international standards for use in data networks.

Equipped with adapters, our splice boxes are especially suited for incorporating break out cables. Boxes fully equipped with adapters and pigtails also include a splice tray to incorporate a splice with the secondary cable. Of course, we also offer plain splice boxes. All of our splice boxes are extendable trays made from 1 mm lacquered steel plate.

This design allows you to work on both sides of an adapter without having to remove the cover of the splice box. Advantage: The front panels of DIGITUS® Professional splice boxes are interchangeable, so the boxes can be used with all standard adapters.

All our splice boxes are extendable cassettes painted from 1.5 mm steel sheet. By this technique it is possible to work at any time on both sides of the couplers without removing the cover of the splice box. The Box is 1U high (44, 45 mm), 19" (483 mm wide) and 280 mm deep. They are with a metric cable gland, strain relief and fiber management. You can choose the front panels between 6, 12, 24 SC Duplex adapters, 6, 10, 24 SC Simplex couplings, 6, 12, 24 LC duplex adapters, 12, 24 ST adapters and 12, 24 E2000 adapters. You can get E2000 adapters from Diamond or R + M. Of course we also offer Pigtails in to OS2, OM2, OM3, OM4.



Splice Boxes, equipped and partially equipped Splice Box extendable, equipped with LC Duplex Couplers



Mechanical Features

Housing:	Aluminum unpainted steel front panel; painted
Front plate:	483 mm (19") with mounted LC Duplex Couplers (plastic housing)
Labeling:	Numbers as screen printing
Recording:	Up to 24 fibers / 4x splice cassettes
Pulling force:	Cable strap and PG screw connection
Cable entries:	4 possible entries about PG screw connection
Measurements (HxWxD):	44.45 (1U) x 483 (19") x 280 mm

Optical Features

IL at Multimode:	max. 0.4 dB
IL at Singlemode:	max. 0.5 dB (PC); max. 0.3 dB (APC)
RL at Multimode:	min. 30 dB
RL at Singlemode:	min. 40 dB (PC); min. 60 dB (APC)

Thermal Features

Operating temperature:	-20° C / +80° C
Storage temperature:	-40° C / +90° C

Scope of Delivery and Packaging

Splice Box with lid and LC Duplex Couplers
1 PG 13.5 screw connection
Packed in a box

Cross Reference



Please use our configurator for Splice Boxes. Write us an E-Mail or give us a call and we will send the configurator to you.

Splice Boxes, equipped with LC/DX Couplers and Pigtail Sets

	OM2	OM3	OM4	OS2
6 LC Couplers	DN-96330	DN-96330/3	DN-96330-4	DN-96330/9
12 LC Couplers	DN-96331	DN-96331/3	DN-96331-4	DN-96331/9
24 LC Couplers	DN-96332	DN-96332/3	DN-96332-4	DN-96332/9

Splice Boxes, partially equipped with LC/DX Couplers

	OM2	OM3	OM4	OS2
6 LC Couplers	DN-96430	DN-96430/3	DN-96430-4	DN-96430/9
12 LC Couplers	DN-96431	DN-96431/3	DN-96431-4	DN-96431/9
24 LC Couplers	DN-96432	DN-96432/3	DN-96432-4	DN-96432/9

Splice Boxes, equipped and partially equipped

Splice Box extendable, equipped with SC Duplex Couplers



Mechanical Features

Housing:	Full metal varnished light grey RAL 7035 or black RAL 9005
Front plate:	483 mm (19") with mounted LC Duplex Couplers (plastic housing)
Labeling:	Numbers as screen printing
Recording:	Up to 48 fibers / 4x splice cassettes
Pulling force:	Cable strap and PG screw connection
Cable entries:	4 possible entries about PG screw connection
Measurements (HxWxD):	44.45 (1U) x 483 (19") x 280 mm

Optical Features

IL at Multimode:	max. 0.4 dB
IL at Singlemode:	max. 0.5 dB (PC); max. 0.3 dB (APC)
RL at Multimode:	min. 30 dB
RL at Singlemode:	min. 40 dB (PC); min. 60 dB (APC)

Thermal Features

Operating temperature:	-20° C / +80° C
Storage temperature:	-40° C / +90° C

Scope of Delivery and Packaging

Splice Box with lid and SC Duplex Couplers
1 PG 13.5 screw connection
Packed in a box

Cross Reference



Please use our configurator for Splice Boxes. Write us an E-Mail or give us a call and we will send the configurator to you.

Splice Boxes with LC/DX Couplers and Pigtail Sets

	OM2	OM3	OM4	OS2
6 SC Couplers	DN-96320	DN-96320/3	DN-96320-4	DN-96320/9
12 SC Couplers	DN-96321	DN-96321/3	DN-96321-4	DN-96321/9
24 SC Couplers	DN-96322	DN-96322/3	DN-96322-4	DN-96322/9

Splice Boxes with LC/DX Couplers

	OM2	OM3	OM4	OS2
6 SC Couplers	DN-96420	DN-96420/3	DN-96420-4	DN-96420/9
12 SC Couplers	DN-96421	DN-96421/3	DN-96421-4	DN-96421/9
24 SC Couplers	DN-96422	DN-96422/3	DN-96422-4	DN-96422/9

Splice Boxes, equipped and partially equipped Splice Box extendable, equipped with ST Duplex Couplers



Mechanical Features

Housing:	Full metal varnished light grey RAL 7035 or black RAL 9005
Front plate:	483 mm (19") with mounted LC Duplex
Labeling:	Numbers as screen printing
Recording:	Up to 24 fibers / 4x splice cassettes
Pulling force:	Cable strap and PG screw connection
Cable entries:	4 possible entries about PG screw connection
Measurements (HxWxD):	44.45 (1U) x 483 (19") x 280 mm

Optical Features

IL at Multimode:	max. 0.4 dB
IL at Singlemode:	max. 0.5 dB (PC); max. 0.3 dB (APC)
RL at Multimode:	min. 30 dB
RL at Singlemode:	min. 40 dB (PC); min. 60 dB (APC)

Thermal Features

Operating temperature:	-20° C / +80° C
Storage temperature:	-40° C / +90° C

Scope of Delivery and Packaging

Splice Box with lid and ST Duplex Couplers
1 PG 13.5 screw connection
Packed in a box

Cross Reference



Please use our configurator for Splice Boxes. Write us an E-Mail or give us a call and we will send the configurator to you.

Splice Boxes with ST/SX Couplers and Pigtail Sets

	OM2	OM3	OM4	OS2
12 ST Couplers	DN-96311	DN-96311/3	DN-96311-4	DN-96311/9
24 ST Couplers	DN-96312	DN-96312/3	DN-96312-4	DN-96312/9

Splice Boxes with ST/SX Couplers

	OM2	OM3	OM4	OS2
12 ST Couplers	DN-96411	DN-96411/3	DN-96411-4	DN-96411/9
24 ST Couplers	DN-96412	DN-96412/3	DN-96412-4	DN-96412/9

Splice Boxes, equipped and partially equipped

Splice Box extendable, equipped with E2000 Simplex Couplers



Mechanical Features

Housing:	Full metal varnished light grey RAL 7035 or black RAL 9005
Front plate:	483 mm (19") with mounted LC Duplex Couplers (plastic housing)
Labeling:	Numbers as screen printing
Recording:	Up to 24 fibers / 4x splice cassettes
Pulling force:	Cable strap and PG screw connection
Cable entries:	4 possible entries about PG screw connection
Measurements (HxWxD):	44.45 (1U) x 483 (19") x 280 mm

Optical Features

IL at Multimode:	max. 0.4 dB
IL at Singlemode:	max. 0.5 dB (PC); max. 0.3 dB (APC)
RL at Multimode:	min. 30 dB
RL at Singlemode:	min. 40 dB (PC); min. 60 dB (APC)

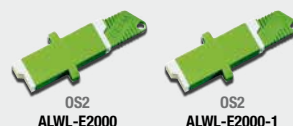
Thermal Features

Operating temperature:	-20° C / +80° C
Storage temperature:	-40° C / +90° C

Scope of Delivery and Packaging

Splice Box with lid and E2000 Simplex Couplers
1 PG 13.5 screw connection
Packed in a box

Cross Reference



Please use our configurator for Splice Boxes. Write us an E-Mail or give us a call and we will send the configurator to you.

Splice Boxes with E2000/SX Couplers and Pigtail Sets

	OM2	OM3	OM4	OS2
E2000/12 ST Couplers	DN-96341	DN-96341/3	DN-96341-4	DN-96341/9
E2000/24 ST Couplers	DN-96342	DN-96342/3	DN-96342-4	DN-96342/9

Splice Boxes, partially equipped with ST/SX Couplers

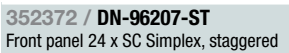
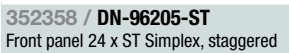
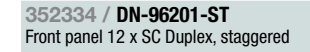
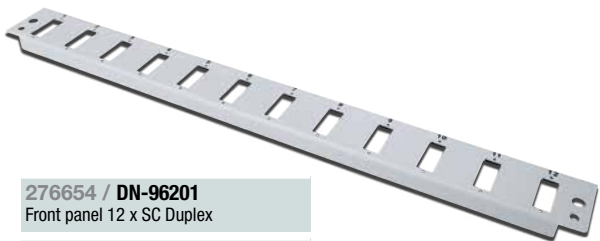
	OM2	OM3	OM4	OS2
12 ST Couplers	DN-96441	DN-96441/3	DN-96441-4	DN-96441/9
24 ST Couplers	DN-96442	DN-96442/3	DN-96442-4	DN-96442/9

Modular Fiber Optic Splice Box Series

- Unassembled, without front panel
- Carrier housing made of 1.5 mm sheet steel, varnished
- Color: grey (RAL 7035)
- Holder for splice cassettes
- Punched out ground to fix pigtails
- 4 PG entries and 2 cable entries
- PG 16 screws and mounting material included in delivery



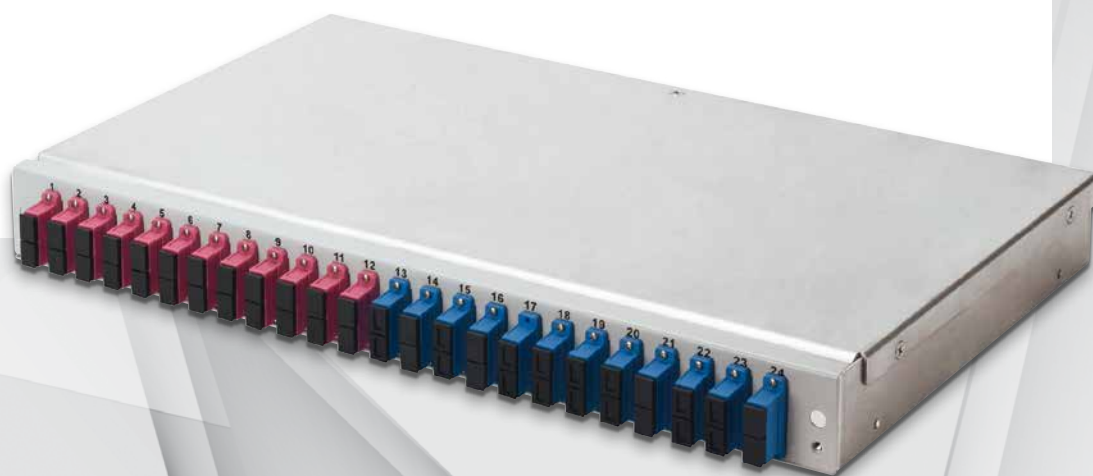
Basic Housing	Front Panel
DN-96200	DN-96201 (12x SC Duplex)
	DN-96201-ST (12x SC Duplex)
	DN-96202 (24x SC Duplex)
	DN-96204 (12x ST Simplex)
	DN-96205 (24x ST Simplex)
	DN-96205-ST (24x ST Simplex)
	DN-96206 (12x SC Simplex)
	DN-96207 (24x SC Simplex)
	DN-96207-ST (24x SC Simplex)



Aluminum Splice Boxes //

The DIGITUS® Professional aluminum splices are extremely light because of processed material. They are fully painted, unpainted or just with lacquered front. In this splice body you can use the front panel for SC, LC, ST and E2000 Simplex or Duplex couplers.

Of course we also offer this splice like equipped with adapters or with adapters and pigtails. So you save the assembly time and you can start directly with the splicing.



Splice Boxes, equipped and partially equipped Equipped with LC Duplex Couplers



Mechanical Features

Housing:	Aluminum unpainted steel front panel; painted
Front plate:	483 mm (19") with mounted LC Duplex Couplers (plastic housing)
Labeling:	Numbers as screen printing
Recording:	Up to 24 fibers / 4x splice cassettes
Pulling force:	Cable strap and PG screw connection
Cable entries:	4 possible entries about PG screw connection
Measurements (HxWxD):	44.45 (1U) x 483 (19") x 280 mm

Optical Features

IL at Multimode:	max. 0.4 dB
IL at Singlemode:	max. 0.5 dB (PC); max. 0.3 dB (APC)
RL at Multimode:	min. 30 dB
RL at Singlemode:	min. 40 dB (PC); min. 60 dB (APC)

Thermal Features

Operating temperature:	-20° C / +80° C
Storage temperature:	-40° C / +90° C

Scope of Delivery and Packaging

Splice Box with lid and LC Duplex Couplers
1 PG 13.5 screw connection
Packed in a box

Cross Reference



Splice Boxes, equipped with LC/DX Couplers and Pigtail Sets

	OM2	OM3	OM4	OS2
6 LC Couplers	DN-96330-AL	DN-96330/3-AL	DN-96330-4-AL	DN-96330/9-AL
12 LC Couplers	DN-96331-AL	DN-96331/3-AL	DN-96331-4-AL	DN-96331/9-AL
24 LC Couplers	DN-96332-AL	DN-96332/3-AL	DN-96332-4-AL	DN-96332/9-AL

Splice Boxes, partially equipped with LC/DX Couplers

	OM2	OM3	OM4	OS2
6 LC Couplers	DN-96430-AL	DN-96430/3-AL	DN-96430-4-AL	DN-96430/9-AL
12 LC Couplers	DN-96431-AL	DN-96431/3-AL	DN-96431-4-AL	DN-96431/9-AL
24 LC Couplers	DN-96432-AL	DN-96432/3-AL	DN-96432-4-AL	DN-96432/9-AL

Splice Boxes, equipped and partially equipped Equipped with SC Duplex Couplers



Mechanical Features

Housing:	Aluminum unpainted steel front panel; painted
Front plate:	483 mm (19") with mounted SC Duplex Couplers (plastic housing)
Labeling:	Numbers as screen printing
Recording:	Up to 24 fibers / 4x splice cassettes
Pulling force:	Cable strap and PG screw connection
Cable entries:	4 possible entries about PG screw connection
Measurements (HxWxD):	44.45 (1U) x 483 (19") x 280 mm

Optical Features

IL at Multimode:	max. 0.4 dB
IL at Singlemode:	max. 0.5 dB (PC); max. 0.3 dB (APC)
RL at Multimode:	min. 30 dB
RL at Singlemode:	min. 40 dB (PC); min. 60 dB (APC)

Thermal Features

Operating temperature:	-20° C / +80° C
Storage temperature:	-40° C / +90° C

Scope of Delivery and Packaging

Splice Box with lid and SC Duplex Couplers
1 PG 13.5 screw connection
Packed in a box

Cross Reference



Splice Boxes, equipped with SC/DX Couplers and Pigtail Sets

	OM2	OM3	OM4	OS2
6 SC Couplers	DN-96320-AL	DN-96320/3-AL	DN-96320-4-AL	DN-96320/9-AL
12 SC Couplers	DN-96321-AL	DN-96321/3-AL	DN-96321-4-AL	DN-96321/9-AL
24 SC Couplers	DN-96322-AL	DN-96322/3-AL	DN-96322-4-AL	DN-96322/9-AL

Splice Boxes, partially equipped with SC/DX Couplers

	OM2	OM3	OM4	OS2
6 SC Couplers	DN-96420-AL	DN-96420/3-AL	DN-96420-4-AL	DN-96420/9-AL
12 SC Couplers	DN-96421-AL	DN-96421/3-AL	DN-96421-4-AL	DN-96421/9-AL
24 SC Couplers	DN-96422-AL	DN-96422/3-AL	DN-96422-4-AL	DN-96422/9-AL

Splice Boxes, equipped and partially equipped Equipped with ST Simplex Couplers



Mechanical Features

Housing:	Aluminum unpainted steel front panel; painted
Front plate:	483 mm (19") with mounted ST Simplex Couplers (plastic housing)
Labeling:	Numbers as screen printing
Recording:	Up to 24 fibers / 4x splice cassettes
Pulling force:	Cable strap and PG screw connection
Cable entries:	4 possible entries about PG screw connection
Measurements (HxWxD):	44.45 (1U) x 483 (19") x 280 mm

Optical Features

IL at Multimode:	max. 0.4 dB
IL at Singlemode:	max. 0.5 dB (PC); max. 0.3 dB (APC)
RL at Multimode:	min. 30 dB
RL at Singlemode:	min. 40 dB (PC); min. 60 dB (APC)

Thermal Features

Operating temperature:	-20° C / +80° C
Storage temperature:	-40° C / +90° C

Scope of Delivery and Packaging

Splice Box with lid and ST/SX Couplers
1 PG 13.5 screw connection
Packed in a box

Cross Reference



Splice Boxes, equipped with ST/SX Couplers and Pigtail Sets

	OM2	OM3	OM4	OS2
12 ST Couplers	DN-96311-AL	DN-96311/3-AL	DN-96311-4-AL	DN-96311/9-AL
24 ST Couplers	DN-96312-AL	DN-96312/3-AL	DN-96312-4-AL	DN-96312/9-AL

Splice Boxes, partially equipped with ST/SX Couplers

	OM2	OM3	OM4	OS2
12 ST Couplers	DN-96411-AL	DN-96411/3-AL	DN-96411-4-AL	DN-96411/9-AL
24 ST Couplers	DN-96412-AL	DN-96412/3-AL	DN-96412-4-AL	DN-96412/9-AL

Splice Boxes, equipped and partially equipped

Equipped with E2000 Simplex Couplers



Mechanical Features

Housing:	Aluminum unpainted steel front panel; painted
Front plate:	483 mm (19") with mounted E2000 Simplex couplers (plastic housing)
Labeling:	Numbers as screen printing
Recording:	Up to 24 fibers / 4x splice cassettes
Pulling force:	Cable strap and PG screw connection
Cable entries:	4 possible entries about PG screw connection
Measurements (HxWxD):	44.45 (1U) x 483 (19") x 280 mm

Optical Features

IL at Multimode:	max. 0.4 dB
IL at Singlemode:	max. 0.5 dB (PC); max. 0.3 dB (APC)
RL at Multimode:	min. 30 dB
RL at Singlemode:	min. 40 dB (PC); min. 60 dB (APC)

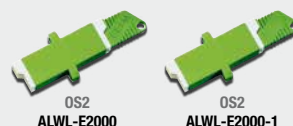
Thermal Features

Operating temperature:	-20° C / +80° C
Storage temperature:	-40° C / +90° C

Scope of Delivery and Packaging

Splice Box with lid and E2000 Couplers
1 PG 13.5 screw connection
Packed in a box

Cross Reference



Splice boxes, equipped with E2000/SX Couplers and Pigtail Sets

	OM2	OM3	OM4	OS2
E2000/12 ST Couplers	DN-96341-AL	DN-96341/3-AL	DN-96341-4-AL	DN-96341/9-AL
E2000/24 ST Couplers	DN-96342-AL	DN-96342/3-AL	DN-96342-4-AL	DN-96342/9-AL

Splice Boxes, partially equipped with ST/SX Couplers

	OM2	OM3	OM4	OS2
12 ST Couplers	DN-96441-AL	DN-96441/3-AL	DN-96441-4-AL	DN-96441/9-AL
24 ST Couplers	DN-96442-AL	DN-96442/3-AL	DN-96442-4-AL	DN-96442/9-AL

Hybrid Splice Box flexible assemblend
Splice Box assembled with up to 4 different front-plates



Mechanical Features

Housing:	Full metal varnished light grey RAL 7035 or black RAL 9005
Front plate:	for: LC Duplex, SC Duplex, SC Simplex, ST Simplex, Keystone Module
Recording:	Up to 32 fibers / 4x splice cassettes
Pulling force:	Cable strap and PG screw connection
Cable entries:	4 possible entries about PG screw connection
Measurements (HxWxD):	44.45 (1U) x 483 (19") x 280 mm

Thermal Features

Operating temperature:	-20° C / +80° C
Storage temperature:	-40° C / +90° C

Scope of Delivery and Packaging

Splice Box with Frontplate-Holder for 4 Frontplates
1 PG 13.5 screw connection
Packed in a box

Cross Reference



Fiber Optic Splice Box	DN-96200-H			
Frontplate	6 ST/SX	6 LC/DX oder SC/SX	6 SC/DX	4 Keystone Module
	DN-96204-H	DN-96206-H	DN-96202-H	DN-96209-H

2RU Fiber Termination Patch/Splice Panel //

The RailSlide 2RU Fiber Termination Patch/Splice Panel is designed to be used as a rack mount interconnect point where termination and connectivity of up to 96 fibers is desired. This solution allows easy access to the front patch cords as well as the splice trays and pigtails after being pulled out. Mounted on telescopic runners to ensure the tray slides in and out with a smooth action. Standard panels are available empty for complete field configuration, half-loaded with adapter plates for field termination and cable assembly installation, or stubbed with a factory-installed cable assembly of a user specified length. The panel also offers multiple cable entry solutions, up to 4 standard cable entry points for loose tube, tight buffer, preterminated and steel tape armoured cable. Each panel has integrated strength member tie positions.

Features

- Accepts loose tube, distribution and pre terminated cables
- Changeable adaptor panels
- Pulled-open front pulled-out tray
- Optional splice tray kit for on site conversion

Specifications

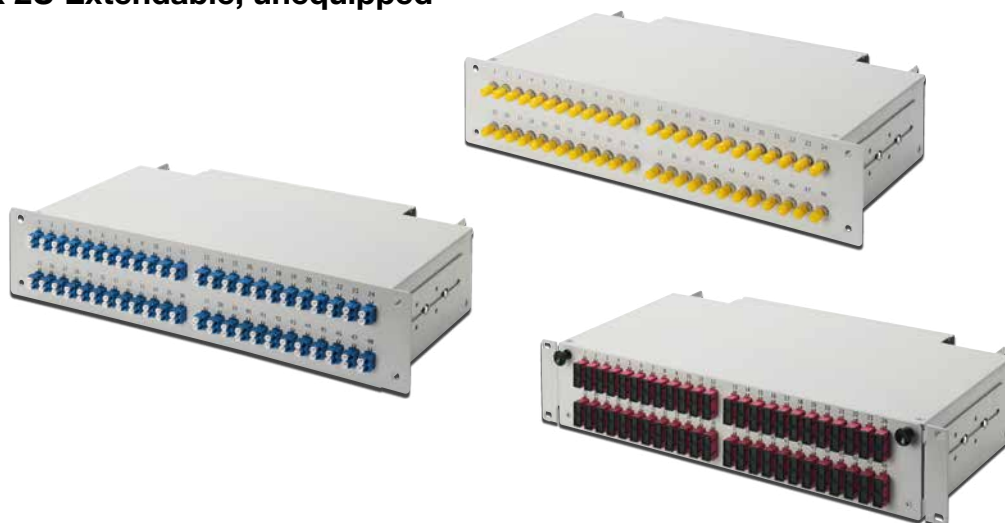
- Cold Rolled Steel
- Durable textured powder coat finish available in black or gray
- Universal 19/21" EIA/TIA rack compatibility
- Front and back side mounting options

Applications

- Telecommunication closets
- Data Centers
- LAN / WAN Networks
- Central Offices / Headends
- Hubs / Cabinets / Remote Terminals
- FTTH / FTTB Networks



Splice Box 2U Extendable, unequipped



Mechanical Features Housing

Material:	Full metal painted grey RAL 7035 or black 9005
Mounting:	Up to 96 fibers / 10x splice cassettes, up to 192 fibers (at 24 fibers per cassette)
Pulling force:	Cable strap and PG screw connection
Cable entries:	4 possible entries about (PG 13.5 or PG 16)

Mechanical Features Front Plate

Material:	Full metal painted grey RAL 7035 or black RAL 9005
Outbreaks:	LC/DX, SC/SX, SC/DX, ST/SX
Labeling:	Numbers as screen printing
Measurements (HxWxD):	89 (2U)x432x10 mm

Scope of Delivery and Packaging

Splice Box incl. Drawyer
Fixing screws for front plate
Packed in a box
Front panel packed in a polybag

Empty housing

DN-963200-2U

Front panels

	24	48
LC/DX	DN-96233-2U	DN-96234-2U
SC/DX	DN-96223-2UDX	DN-96224-2UDX
ST/SX	DN-96213-2U	DN-96214-2U

2U Splice Box equipped with Couplers, Pigtails and Splice Cassettes

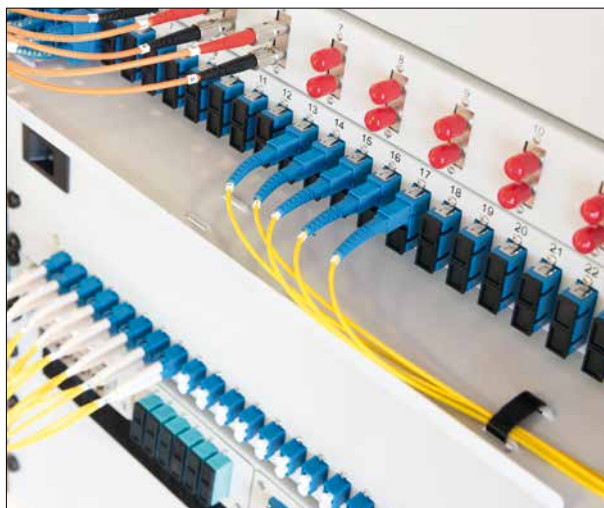
	OM2	OM3	OM4	OS2
48 LC/DX	DN-96334-2U	DN-96334/3-2U	DN-96334-4-2U	DN-96334/9-2U
48 SC/DX	DN-96324-2U	DN-96324/3-2U	DN-96324-4-2U	DN-96324/9-2U
48 ST/SX	DN-96314-2U	DN-96314/3-2U	DN-96314-4-2U	DN-96314/9-2U

2U Splice Box equipped with Couplers

	OM2	OM3	OM4	OS2
48 LC/DX	DN-96434-2U	DN-96434/3-2U	DN-96434-4-2U	DN-96434/9-2U
48 SC/DX	DN-96424-2U	DN-96424/3-2U	DN-96424-4-2U	DN-96424/9-2U
48 ST/SX	DN-96414-2U	DN-96414/3-2U	DN-96414-4-2U	DN-96414/9-2U

Front Cable Management Panel

This cable management is suitable for 1 or 2 HU Splice. With its rounded ends fibers and cables are gently moved into the correct position. At the ends you can use strain relief in the form of cable Quick ties or Velcro. It is suitable for 19-inch units.



368380 / DN-9680RG-M1
 Front cable management panel

1U Cable Tray for Fiber Optic Cables

The extendible cable tray from DIGITUS® Professional is suitable for the storage of fiber optic cables inside the 19" cabinet. The cable entries are rounded to comply with the bend radius. The cable tray has a "pull-out-stop-mechanism" which safes cables from crushing when sliding out the shelf. The cable routing can be done on both sides of the front; therefore appliances for strain relief are present.

- Extendible cable tray for fiber optic cables
- Cable routing on both sides
- For installation in 19" cabinets
- Rounded cable inputs
- Incl. "pull-out-stop-mechanism" & appliance for strain relief
- 50 mm depth cable management in front of the 19" profile rails
- Dimensions (HxWxD): 44.45 (1U) x 483 (19") x 300 (+ 50) mm
- 1.0 mm strong sheet steel, varnished
- Color: grey (RAL 7035)

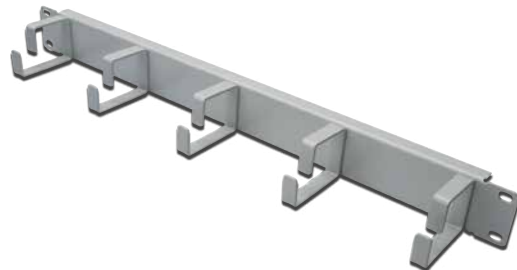


368373 / DN-9680RG-W1
 Cable tray for fiber optic cables, 1U, 19" drawer, 44.45x483x350 mm, rounded cable inputs, color grey (RAL 7035)

1U Cable Management Panel for Network & Server Cabinets

The DIGITUS® Professional Cable management panel is fixed at the mounting angles of 19" cabinets and provides an optimized cable management due to 5 clamps each. It is available in 1 high unit or 2 high units and in colors grey (RAL 7035) or black (RAL 9005).

- Fixing at 483 mm (19") mounting angles
- Sheet steel
- 5 cable clamps, 40 x 60 mm (1U), 80x60 mm (2U)
- Color: grey (RAL 7035)



266457 / DN-97601

Cable Management, 1U, WxDxH 483x80x44mm

Cable Fixing Rails for Professional Network Cabinets

Suitable for mounted DIGITUS® 19" network and server cabinets. Mounting into depth of the cabinet. Fixing of cables by cable straps.

- Fixing at mounting angles
- For cabinets with a depth of 800 and 1000 mm
- Sheet steel
- Complete with fixing material



163473 / DN-19 ORG-1S

Cable Clamp Rail, WxDxH 679x10x44 mm

1U Cable Management Cage

Provides a neat cable management and improves passive cooling

The DIGITUS® Cable management cage is fixed at the mounting angles of 19" cabinets and provides an optimized cable management, with removable front shield. It is available in colors grey (RAL 7035) or black (RAL 9005).

- Fixing at mounting angles
- Sheet steel
- Removable front shield
- Color: grey (RAL 7035)



279204 / DN-97616

1U Cable Management Cage

Splice Cassette for 12 Fibers



Different cable entries allow an optimal core connection.

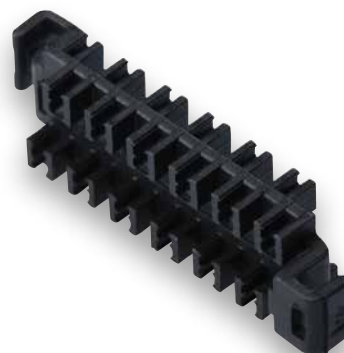
- Suitable for up to 12 fiber cores
- Inclusive cover and splice comb
- Splice holder for 12 x crimp splice protector

266501 / DN-96101
2 x 6C splice comp for shrinkable tubings

285298 / DN-96103
Splice cassette for 12 fibers

285298 / DN-96104
Splice cassette for 36 fibers

Strain Relief for Optical Fibers



Suitable for 12 fibers in splice cassette

279440 / DN-96102
Strain relief for optical fibers

Fiber Blind Plate



- Used in termination boxes to cover ports not used
- Avoids dust and dirt in termination boxes
- Shipment: 100 pcs. per polybag
- Material: plastic, black

262848 / AL-BP-ST
ST simplex blind plate

Fiber Blind Plate



- Used in termination boxes to cover ports not used
- Avoids dust and dirt in termination boxes
- Shipment: 100 pcs. per poly bag
- Material: plastic, black

262862 / AL-BP-SCD
SC duplex blind plate

ECoDF //

The ECoDF Fiber Distribution Cabinets are an exceptionally rugged and strong cabinet enabling it to be used for all application. ECoDF offers highly cost-effective and assembly-friendly solutions for numerous applications in the field of fiber. ECoDF is highly-configurable to the end-users requirements and provides unique features to benefit system designers, installers and network managers. The completely assembled standard cabinet can be delivered as a single enclosure with side panels or as a side by side cabinet without side panels. The rigidly modular frame construction can be dismantled and assembled easily without any special tools.

Features

- Secure side panels and front doors, with lockers and hinges
- Openable, lockable, removable side panels
- Standard 19" & ETSI Installations
- Bend radius protection throughout the frame
- Fully front accessibility
- Maximum flexibility and modularity
- Modular cold rolled steel construction
- Durable textured powder coat finish available in black (RAL9005) or Light Grey (RAL7035) and front doors
- Back to back or/and side to side mounting
- Possible for wall mounting

Applications

- Exchange, primary distribution points, customer's premises
- Central Offices, telecommunication equipment rooms
- Weather-protected locations, such as building basements
- FTTX applications

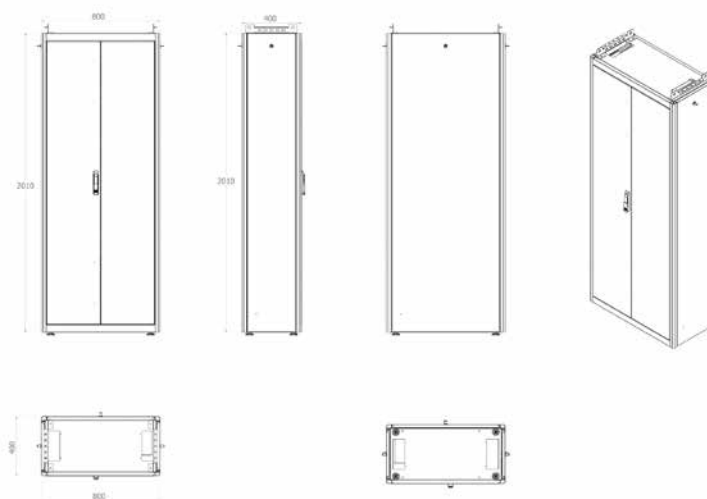
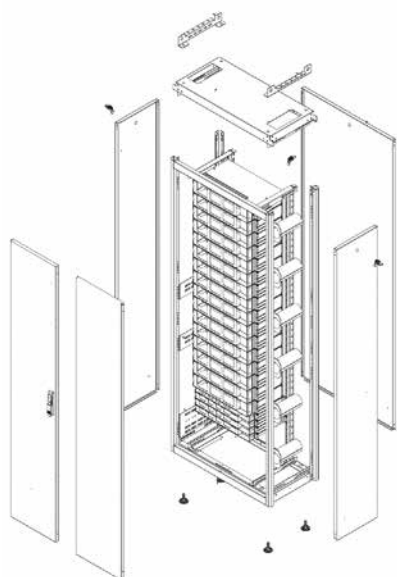


19" Optical Distribution Frame Cabinets

The DIGITUS® Professional ODF product range is made for high demand IT-Infrastructure Solutions - designed and developed on highest standards.

The DIGITUS® Professional 19"-Fiber Optical Distribution Frame Cabinets (ODF) are made of a remarkable sturdy cold rolled steel construction which enables them to be used for all applications. The ODF series offers highly cost-effective and assembly-friendly solutions for all types of application in the field of fiber optic technique. It is flexible configurable to the end-users requirements and provides unique features e.g. for system designers, installers and network managers. A completely assembled standard cabinet can be delivered as a single enclosure with side panels or as a side by side cabinet without side panels. The sturdy modular frame construction can be dismantled and assembled easily without any special tools. The DIGITUS® Professional ODF cabinets are available as 36U, 42U, 47U (height units) with 800 mm width and 400 mm depth and as 42U and 47U with 900 mm width and 300 mm depth in standard colors grey (RAL 7035) or black (RAL 9005).

- Secure side panels and front doors, with lockers and hinges
- Openable, lockable and removable side panels and front doors
- Standard 19" - & ETSI installations
- Bend radius protection throughout the frame
- Fully front accessibility
- Maximum flexibility and modularity
- Modular cold rolled steel construction
- Durable textured powder coat finish
- Back to back- or side to side mounting possible



367819 / DN-19 ODF-36U-8/4

36U Optical Distribution Frame Cabinet, 1738 x 800 x 400 mm, with side panels and doors, color grey (RAL 7035)

367826 / DN-19 ODF-42U-8/4

42U Optical Distribution Frame Cabinet, 2010 x 800 x 400 mm, with side panels and doors, color grey (RAL 7035)

367840 / DN-19 ODF-42U-9/3

42U Optical Distribution Frame Cabinet, 2010 x 900 x 330 mm

367833 / DN-19 ODF-47U-8/4

47U Optical Distribution Frame Cabinet, 2200 x 800 x 400 mm

367857 / DN-19 ODF-47U-9/3

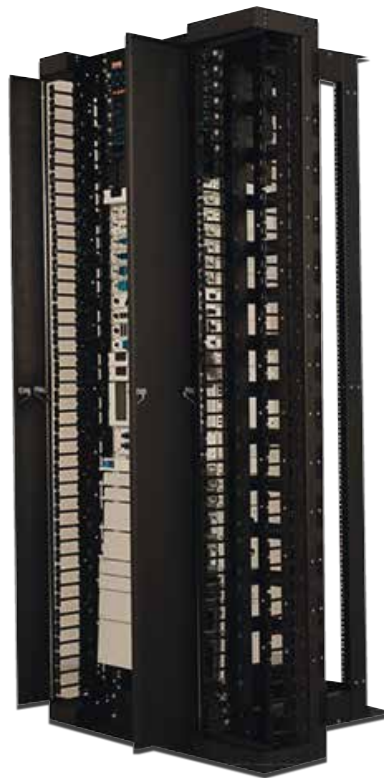
47U Optical Distribution Frame Cabinet, 2200 x 900 x 330 mm

19" Open Optical Distribution Frames

The DIGITUS® Professional ODF product range is made for high demand IT-Infrastructure Solutions - designed and developed on highest standards.

The DIGITUS® Professional 19"-Fiber Optical Distribution Open Frames (ODF) are made of a remarkable sturdy cold rolled steel construction which enables them to be used for all applications. The ODF series offers highly cost-effective and assembly-friendly solutions for all types of application in the field of fiber optic technique. It is flexible configurable to the end-users requirements and provides unique features e.g. for system designers, installers and network managers. Furthermore, the Open Frames are delivered as flat package product which offers economic transport features and cost schemes. The product range is available as 27U, 36U, 42U, 45U, 48U with 800 mm width and 380 mm depth in standard colors grey (RAL 7035) or black (RAL 9005).

- Secure side panels
- Openable, lockable and removeable side panels
- Standard 125 mm wide side panels (270 mm wide side panels available on request)
- Bend radius protection throughout the frame
- Fully front accessibility
- Maximum flexibility and modularity
- Incl. feet group
- Modular cold rolled steel construction
- Durable textured powder coat finish
- Delivered in flat package



367895 / DN-19 00DF-27U-8/3

27U Open Optical Distribution Frame, 1356 x 800 x 380 mm

367901 / DN-19 00DF-36U-8/3

36U Open Optical Distribution Frame, 1756 x 800 x 380 mm

367918 / DN-19 00DF-42U-8/3

42U Open Optical Distribution Frame, 2022 x 800 x 380 mm

367925 / DN-19 00DF-45U-8/3

45U Open Optical Distribution Frame, 2155 x 800 x 380 mm

367932 / DN-19 00DF-48U-8/3

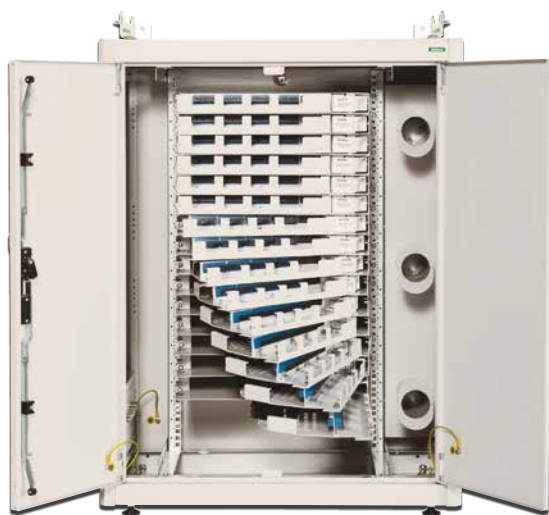
48U Open Optical Distribution Frame, 2289 x 800 x 380 mm

19" Optical Distribution Frame Wall Mount Cabinets

The DIGITUS® Professional ODF product range is made for high demand IT-Infrastructure Solutions - designed and developed on highest standards.

The DIGITUS® Professional 19"-Fiber Optical Distribution Frame Wall Mount Cabinets (ODF) are made of a remarkable sturdy cold rolled steel construction which enables them to be used for all applications. The ODF series offers highly cost-effective and assembly-friendly solutions for all types of application in the field of fiber optic technique. It is flexible configurable to the end-users requirements and provides unique features e.g. for system designers, installers and network managers. A completely assembled standard cabinet can be delivered as a single enclosure with side panels or as a side by side cabinet without side panels. The sturdy modular frame construction can be dismantled and assembled easily without any special tools. The DIGITUS® Professional ODF wall mount cabinets are available as 22U, 26U, 32U with 800 mm width and 400 mm depth in standard colors grey (RAL 7035) or black (RAL 9005).

- Color: Grey (RAL 7035)
- Secure side panels and front doors, with lockers and hinges
- Openable, lockable and removable side panels and front doors
- Standard 19"- & ETSI installations
- Bend radius protection throughout the frame
- Fully front accessibility
- Maximum flexibility and modularity
- Modular cold rolled steel construction
- Durable textured powder coat finish
- Back to back- or side to side mounting possible



367864 / DN-19 WODF-22U-8/4

22U Optical Distribution Frame Wall Mount Cabinet, 1125 x 800 x 400 mm

367871 / DN-19 WODF-26U-8/4

26U Optical Distribution Frame Wall Mount Cabinet, 1300 x 800 x 400 mm

367888 / DN-19 WODF-32U-8/4

32U Optical Distribution Frame Wall Mount Cabinet, 1738 x 800 x 400 mm

Distribution Cabinets 600, 800 mm width – 1000, 1200 mm depth



- IP20 protection rating
- 80% perforated steel front and rear door with swiveling lever handle and profile cylinder
- 4-point locking mechanism front door, 3-point locking mechanism rear door
- Lockable side panels
- EMKA 333 lock (front and rear door)
- EMKA 9081 lock (side components)
- 230° Door opening angle, front and rear door
- Door stop is easily changeable
- Modular aluminum frame construction
- High frame strength thanks to special flexible sheet technology
- 1.5 mm sheet steel
- 1000 kg load capacity
- 19" DIN rails mounted in the front and rear inside the cabinet
- 19" Variable-depth DIN rails
- 19" DIN rails with RU markings
- Large cable inlet with foam rubber sealing on the bottom and roof module
- Leveling feet for secure installation and positioning
- Roof ventilation module for mounting fan panel
- 2 screws for doors and side panels
- Available in colors RAL7035 light grey and RAL9005 black
- Multiple grounding points in cabinet for installed components
- Product is supplied fully assembled
- Comprehensive accessories available

Some significant advantages of this cabinet series are air circulation (high perforation 63%) and cooling management (ventilation). The Unique series allows easy access to components via a quick-release fastener system for the side panels as well as the front and rear door. Each cabinet is equipped with two sets of robust 19" DIN rails, which can be adjusted throughout the cabinet's entire depth. Between the DIN rails are four sets of depth stays, which give the cabinet extra rigidity.

This cabinet series has a load capacity of up to 1000 kg. The swiveling lever handle contains a 4-point locking mechanism on the front door and a 3-point locking mechanism on the rear door. All in all, the Unique server cabinet is the perfect solution for your server room.



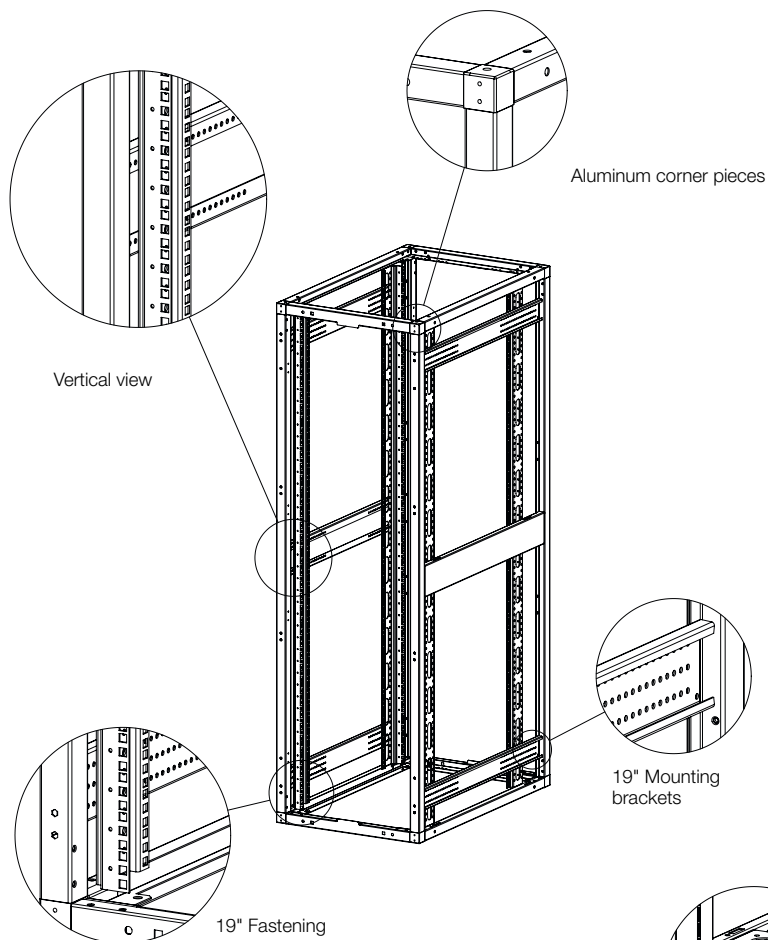
Swiveling lever handle



Lateral cable duct

Rack units RU	42	42	42	42	42	47	47	47	47	42	47
Width: mm	600	600	600	800	800	600	600	800	800	800	800
Height: mm	2000	2000	2000	2000	2000	2200	2200	2200	2200	2000	2200
Depth: mm	1000	1200	1200	1000	1200	1000	1200	1000	1200	1200	1200
Plane interval 482.6 mm (19")- plane:	750 mm	750 mm	750 mm	750 mm	750 mm	750 mm	750 mm	750 mm	750 mm	750 mm	750 mm
Order Number:	DN-19 DC 42U-6/10 vd	DN-19 DC 42U-6/12 vd	DN-19 DC 42U-6/12 vd	DN-19 DC 42U-8/10 vd	DN-19 DC 42U-8/12 vd	DN-19 DC 47U-6/10 vd	DN-19 DC 47U-6/12 vd	DN-19 DC 47U-8/10 vd	DN-19 DC 47U-8/12 vd	DN-19 DC 42U-8/12 gd	DN-19 DC 47U-8/12 gd
Supplied with											
Front glass door with tempered safety glass, 180° hinge, with swiveling lever handle and EMKA 333 safety interlock										✓	✓
Front sheet steel door with (Honeycomb ca. 80% empty area), 180° hinge, with swiveling lever handle and EMKA 333 safety interlock	✓	✓	✓	✓	✓	✓	✓	✓	✓		
Closed rear sheet steel door, 180° hinge, with swiveling lever handle and EMKA 333 safety interlock										✓	✓
Rear sheet steel door with (Honeycomb ca. 80% empty area), 180° hinge, with swiveling lever handle and EMKA 333 safety interlock	✓	✓		✓				✓			
Vertically-divided rear sheet steel door with (Honeycomb ca. 80% empty area), 180° hinge, with swiveling lever handle and EMKA 333 safety interlock			✓		✓	✓	✓		✓		
One-piece roof sheeting with 4 lateral and one rear (70 x 360 mm) cable inlet scrap with covered cutout				✓	✓			✓	✓	✓	✓
One-piece roof sheeting with 4 lateral (70 x 360 mm) and one rear (70 x 146 mm) cable inlet scrap with covered cutout	✓	✓	✓			✓	✓				
Multi-part floor module with cable inlet	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
One 482.6 mm (19") variable plane for both the front and rear with depth stays and RU markings	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Lateral air containment for front 482.6 mm (19") plane each with vertical 3 x 2RU (pre-punched).				✓	✓			✓	✓	✓	✓
Lateral air containment for front 482.6 mm (19") plane	✓	✓	✓			✓	✓				
Grounding separately included	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Accessories											
Horizontal side panels divided into 2 with screws and handle grip	DN-19 SP-SRV-42U-1	DN-19 SP-SRV-42U-1	DN-19 SP-SRV-42U-1	DN-19 SP-SRV-42U-1	DN-19 SP-SRV-42U-1	DN-19 SP-SRV-47U-1	DN-19 SP-SRV-47U-1	DN-19 SP-SRV-47U-1	DN-19 SP-SRV-47U-1	DN-19 SP-SRV-42U-1	DN-19 SP-SRV-47U-1
Mounting plate for front-rear side	DN-19 CSKD	DN-19 CSKD	DN-19 CSKD	DN-19 CSKD	DN-19 CSKD	DN-19 CSKD	DN-19 CSKD	DN-19 CSKD	DN-19 CSKD	DN-19 CSKD	DN-19 CSKD
Measurable/switchable PDU, 3-phase 32A, 18xC13 + 6xC19, IP capable, LED panel	DN-956018	DN-956018	DN-956018	DN-956018	DN-956018	DN-956018	DN-956018	DN-956018	DN-956018	DN-956018	DN-956018
1 measurable RU PDU, 8x C13, max. 10A, 1-phase, IP capable, LED panel	DN-95602	DN-95602	DN-95602	DN-95602	DN-95602	DN-95602	DN-95602	DN-95602	DN-95602	DN-95602	DN-95602
1 RU depth-adjustable guide rail, 110 kg load, manufacturer-neutral rack	DN-19 DR	DN-19 DR	DN-19 DR	DN-19 DR	DN-19 DR	DN-19 DR	DN-19 DR	DN-19 DR	DN-19 DR	DN-19 DR	DN-19 DR
1 RU lower shelf, 600 mm deep, 100 kg load, manufacturer-neutral rack	DN-19 TRAY DR	DN-19 TRAY DR	DN-19 TRAY DR	DN-19 TRAY DR	DN-19 TRAY DR	DN-19 TRAY DR	DN-19 TRAY DR	DN-19 TRAY DR	DN-19 TRAY DR	DN-19 TRAY DR	DN-19 TRAY DR
DN Multisensor PRO monitoring system	DN-95703	DN-95703	DN-95703	DN-95703	DN-95703	DN-95703	DN-95703	DN-95703	DN-95703	DN-95703	DN-95703

Construction in Detail



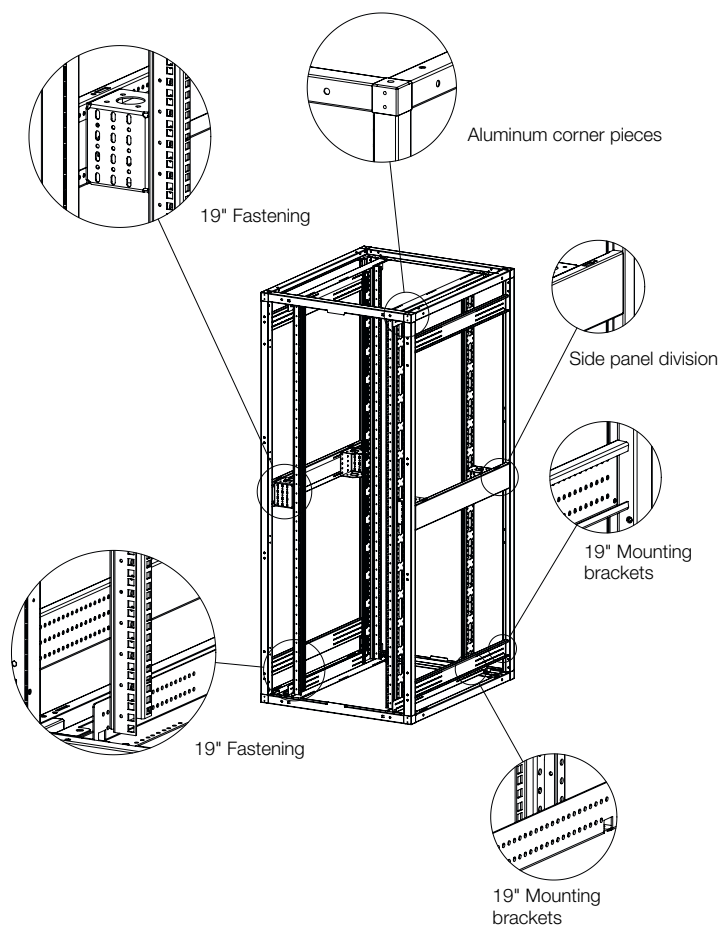
A network and server cabinet must live up to the expectations of modern data centers - among them are the ability to be used in a versatile manner and to be individually customizable.

The DIGITUS® Professional network and server cabinets of the Unique series offer reliable stability no matter where they are used. Thanks to its large construction and its well-thought-out structure, it can be disassembled and reassembled at another location at any time. They are tested for shock and vibration resistance and are also available in an earthquake-resistant design upon request.

EXTRAS

The DIN rails are marked with the corresponding rack unit. This makes installing 19" components even easier and quicker.

For perfect cable management, we offer a comprehensive accessory product range, such as Velcro tape, self-adhesive twist wire tie, and cable straps with a space for labeling.

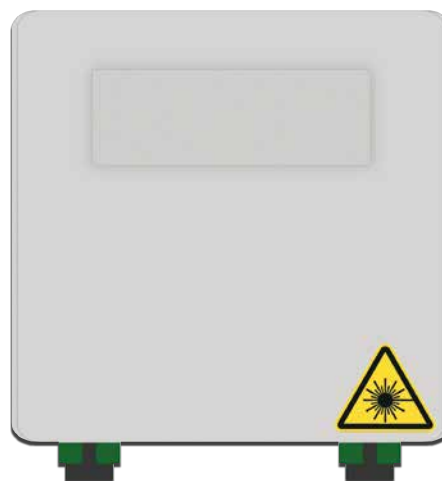


Wall Outlet (FTTH) for 2x SC Simplex/LC Duplex

DIGITUS® Professional Optical Termination Boxes are made for high demand IT-Infrastructure Solutions - designed and developed on highest standards.

The item DN-931087 from DIGITUS® Professional is a wall outlet which was designed to use it in residential and business applications (FTTH) for the termination of up to 2 fibers. The installation is quick and easy.

- Compact & economic design
- Allows cable entry from both sides
- Removeable cover for easy access
- Wall mounting
- Dimensions (HxWxD): 19 x 86 x 86 mm
- Cable ports: 4 cable ports (for cables with max. diameter of 5 mm)
- Capacity: 2 splices
- Adapter capacity: 2x SC Simplex/LC Duplex



368045 / DN-931087

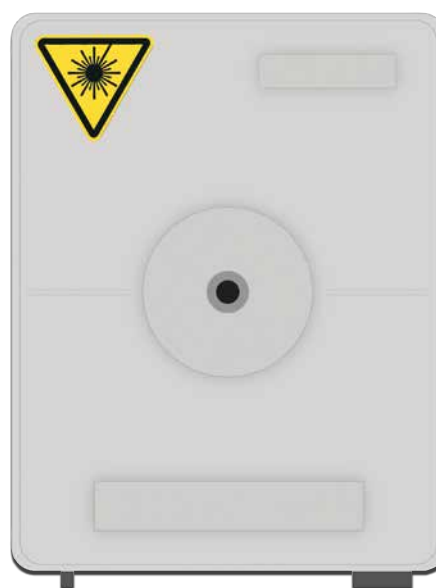
Wall Outlet (FTTH) for 2x SC Simplex, LC Duplex, 2x splice holder, 19 x 86 x 86 mm, color grey (RAL 7035)

Wall Outlet (FTTH) for 2x SC Simplex/LC Duplex

DIGITUS® Professional Optical Termination Boxes are made for high demand IT-Infrastructure Solutions - designed and developed on highest standards.

The item DN-931088 from DIGITUS® Professional is a compact fiber terminal for using at the final fiber termination point. The wall outlet provides mechanical protection and managed fiber control in an attractive format, suitable for indoor use. A variety of possible fiber termination techniques are accommodated.

- Splice holder and pigtail tray
- Excellent fiber management
- Direct termination with field installable connectors
- Sturdy design for indoor use
- Wall mounting
- Dimensions (HxWxD): 23.3 x 82.5 x 105.6 mm
- Cable ports: 2 cable ports (for cable ports with max. diameter of 6 mm)
- Capacity: 4 splices
- Adapter capacity: 2x SC Simplex/LC Duplex



368052 / DN-931088

Wall Outlet (FTTH) for 2x SC Simplex, LC Duplex, 4x splice holder, 23.3 x 82.5 x 105.6 mm, color grey (RAL 7035); without pigtail and coupler

FTTH Outdoor Distribution Box for 24 cores

Outdoor FTTH Box for 2 pieces of 1x8 PLC Splitter (SC Typ)
24 Splices Size 330 x 275 x 100 mm



370987 / DN-968911

FTTH Outdoor Distribution Box, 24 cores

FTTH Outdoor Distribution Box, 2 SC/DX

FTTH Box for Outdoor IP 65; entry for 2 SC Simplex Adapter
or 2 LC Duplex Adapter and 4 splices possible;
Size: 215 x 150 x 50 mm



370994 / DN-968912

FTTH Outdoor Distribution Box

FTTH Outdoor Distribution Box for 6 SC/DX

FTTH Outdoor Distribution Box IP 65 for 6 SC Duplex
Adapter and 12 Splice; Size: 265 x 195 x 60 mm



371007 / DN-968913

FTTH Outdoor Distribution Box for 6 SC/DX

FTTH Distribution Box for 16 Cores

FTTH Outdoor Distribution Box IP65; for 24x SC/SX or 24x LC/DX Adapter and 24 cores; Size: 300 x 220 x 80 mm



371014 / DN-968914

FTTH Distribution Box for 16 cores

Fiber Optic Distribution Box for 8x SC Simplex

Fiber Optic Distribution Box for Indoor, 8x SC/SX or 8x LC/DX Adapter and 6x Splices; Size: 300 x 136 x 43 mm



371021 / DN-968915

Fiber Optic Distribution Box for 8x SC Simplex

FTTH Outdoor Box, 16 Cores

FTTH Outdoor Distribution Box IP65 with Key Lock for 4x SC Simplex or 8x LC Duplex Adapter and 16 cores; Size 320 x 235 x 95 mm



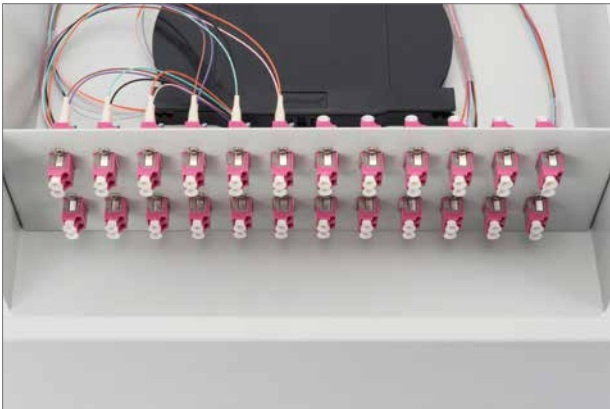
371045 / DN-968916

FTTH Outdoor Box, 16 Cores

Fiber Optic Distribution Box for 12 Splices

The DIGUTS® Professional Distribution Boxes for 48 splices is designed for use as a wall mount interconnect point where termination and connectivity of up to 48 fibers is desired. This solution allows easy access to patch cords and pigtails after opening the hinged front door. Standard boxes are available empty for complete field configuration, half-loaded with adaptor plates for field termination and cable assembly installation, or stubbed with a factory-installed cable assembly of a user specified length.

- For 12 Splices: Dimension (HxBxD): 200 x 150 x 55 mm
- Color: grey (RAL 7035)
- Fits comfortably into new and existing interconnect, cross-connect, customer premise, and co-location environments
- Most common connector styles and types available
- Compatible with industry standard equipment frames
- Single or double door with tube-style keyed lock for flexibility and security
- Cold rolled steel
- Durable textured powder coat finish available in black or white
- Easy changeable adaptor plates
- Standard cable stub location is bottom



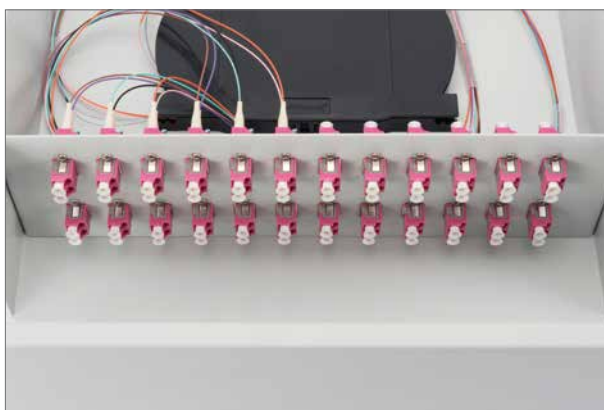
Distribution Box	DN-96800S	
Plate for couplers	6 LC/DX	DN-96836-DX
	6 SC/DX	DN-96826-DX
	12 ST/SX	DN-968112-SX

Distribution Box equipped with Couplers				
	OM2	OM3	OM4	OS2
6 LC/DX	DN-96843S-OM2	DN-96843S-OM3	DN-96843S-OM4	DN-96843S-OS2
6 SC/DX	DN-96842S-OM2	DN-96842S-OM3	DN-96842S-OM4	DN-96842S-OS2
6 ST/SX	DN-96841S-OM2	DN-96841S-OM3	DN-96841S-OM4	DN-96841S-OS2

Fiber Optic Distribution Box for 48 Splices

The DIGITUS® Professional Distribution Boxes for 48 splices is designed for use as a wall mount interconnect point where termination and connectivity of up to 48 fibers is desired. This solution allows easy access to patch cords and pigtails after opening the hinged front door. Standard boxes are available empty for complete field configuration, half-loaded with adaptor plates for field termination and cable assembly installation, or stubbed with a factory-installed cable assembly of a user specified length.

- For 48 Splices: Dimension (HxBxT): 290 x 320 x 88 mm
- Color: grey (RAL 7035)
- Fits comfortably into new and existing interconnect, cross-connect, customer premise, and co-location environments
- Most common connector styles and types available
- Compatible with industry standard equipment frames
- Single or double door with tube-style keyed lock for flexibility and security
- Cold rolled steel
- Durable textured powder coat finish available in black or white
- Easy changeable adaptor plates
- Standard cable stub location is bottom



Distribution Box	DN-96800M	
Plate for couplers	24 LC/DX	DN-968324-DX
	24 SC/DX	DN-968224-DX
	24 ST/SX	DN-968124

Distribution Box equipped with Couplers				
	OM2	OM3	OM4	OS2
24 LC/DX	DN-96843M-OM2	DN-96843M-OM3	DN-96843M-OM4	DN-96843M-OS2
24 SC/DX	DN-96842M-OM2	DN-96842M-OM3	DN-96842M-OM4	DN-96842M-OS2
24 ST/SX	DN-96841M-OM2	DN-96841M-OM3	DN-96841M-OM4	DN-96841M-OS2

Fiber Optic Distribution Box for 96 Splices

The DIGITUS® Professional Distribution Boxes for 96 splices is designed for use as a wall mount interconnect point where termination and connectivity of up to 96 fibers is desired. This solution allows easy access to patch cords and pigtails after opening the hinged front door. Standard boxes are available empty for complete field configuration, half-loaded with adaptor plates for field termination and cable assembly installation, or stubbed with a factory-installed cable assembly of a user specified length.

- For 96 Splices: Dimension (HxBxT): 334 x 436 x 103 mm
- Color: grey (RAL 7035)
- Fits comfortably into new and existing interconnect, cross-connect, customer premise, and co-location environments
- Most common connector styles and types available
- Compatible with industry standard equipment frames
- Single or double door with tube-style keyed lock for flexibility and security
- Cold rolled steel
- Durable textured powder coat finish available in black or white
- Easy changeable adaptor plates
- Standard cable stub location is bottom



Distribution Box	DN-96800L	
Plate for couplers	48 LC/DX	DN-968348-DX
	48 SC/DX	DN-968248-DX
	48 ST/SX	DN-968148

Distribution Box equipped with Couplers				
	OM2	OM3	OM4	OS2
48 LC/DX	DN-96843L-OM2	DN-96843L-OM3	DN-96843L-OM4	DN-96843L-OS2
48 SC/DX	DN-96842L-OM2	DN-96842L-OM3	DN-96842L-OM4	DN-96842L-OS2
48 ST/SX	DN-96841L-OM2	DN-96841L-OM3	DN-96841L-OM4	DN-96841L-OS2

OEM Produkte //

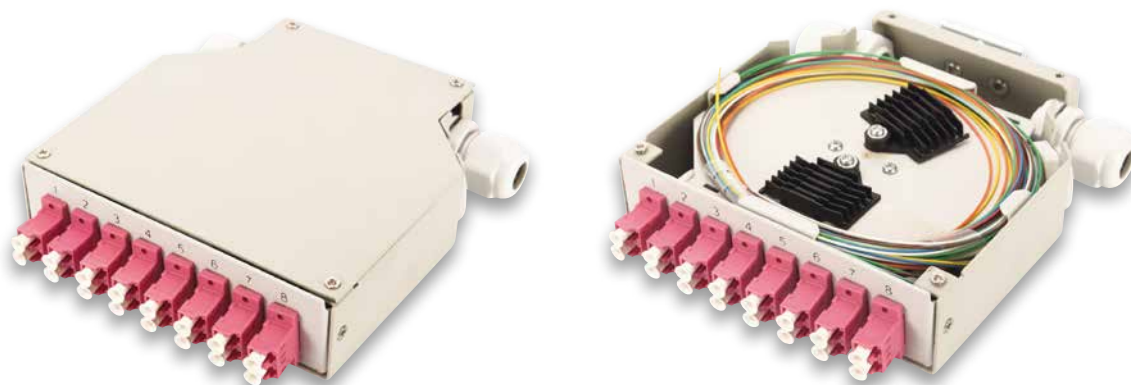
We also develop special solutions for your needs. Our services start at the idea, we research the market whether there are similar products and whether you can use them for your purposes. If this is not the case, we are happy to take over the development of your idea, finished drawings and samples, too. If everything is to your satisfaction, we can manufacture the products. In marketing we are very flexible. Should the design be exclusively for the product, we do not sell it on. We market the products for you to continue trying to reduce the prices by higher volumes of production. Talk to us, we will find a solution!

For an OEM solution:

Splice for 8LC / DX couplings with splice holder for DIN Rail mounting

Distribution Box for DIN Rail

Din Rail Distribution Box for 8x SC/DX Couplers and Spliceholder inside



Distribution Box for DIN Rail

Couplers	Partially assembled with Couplers	Assembled with Couplers and Pigtails	without Couplers
LC	DN-964890LC	DN-963890LC	DN-96891
SC	DN-964890SC	DN-963890SC	DN-96890

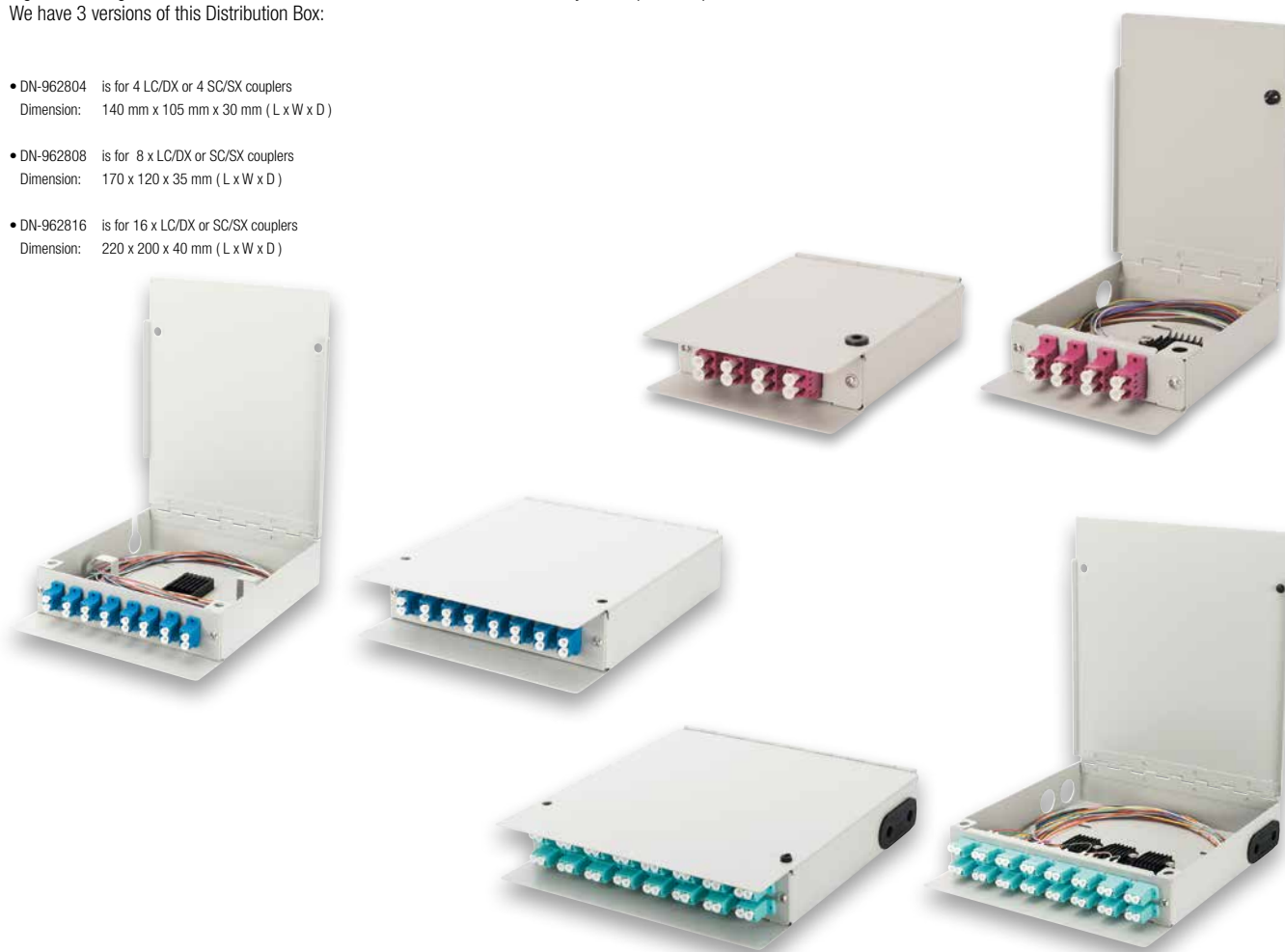
Fiber Optic Distribution Boxes

This Fiber Optic Distribution Boxes are for splitting the cable. Because of the hinged top it is easily to work at the Pigtails or couplers. The top- and bottom plate is a little bit longer for protecting the couplers, Pigtails and to guide the cables. The Distribution Box can be used at a wall or you can put it on platform. We have 3 versions of this Distribution Box:

- DN-962804 is for 4 LC/DX or 4 SC/SX couplers
Dimension: 140 mm x 105 mm x 30 mm (L x W x D)

- DN-962808 is for 8 x LC/DX or SC/SX couplers
Dimension: 170 x 120 x 35 mm (L x W x D)

- DN-962816 is for 16 x LC/DX or SC/SX couplers
Dimension: 220 x 200 x 40 mm (L x W x D)



Partially assembled with couplers

	4	8	16
LC	DN-962804	DN-962808	DN-962816
SC	DN-962804SC	DN-962808SC	DN-962816SC

Partially assembled with couplers

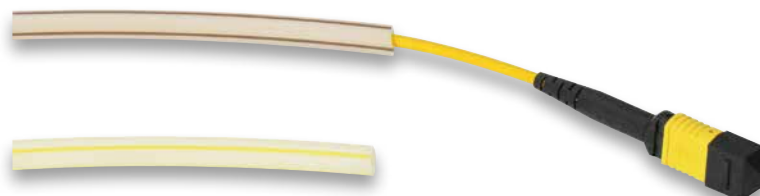
	4	8	16
LC	DN-964804LC	DN-964808LC	DN-964816LC
SC	DN-964804SC	DN-964808SC	DN-964816SC

Assembled with couplers and Pigtails

	4	8	16
LC	DN-963804LC	DN-963808LC	DN-963816LC
SC	DN-963804SC	DN-963808SC	DN-963816SC

Transparent Pipes for Fiber Optic Cable Installations, 7/4 mm

- Ability to build in into bigger pipes
- Delivery on drum (minimum of 5 km)
- Internal rifflled surface
- High Density Polyethylene (HD-PE)
- Thickness: 0.75 (+/-0.1)
- Density: > 0.950
- Pull force: 80N; Pull burst: 230N; Pressure burst: > 30 BAR
- Drum size: 1200 x 400



368717 / DK-3501-7/4

Flexible pipe, transparent diameter 7/4 mm

368700 / DK-3501-12/8

Flexible pipe, transparent diameter 12/8 mm

368724 / DK-3501-16/12

Flexible pipe, transparent, diameter 16/12 mm

Flexible Empty Tubes for Fiber Optical Applications, 16 mm

The standard installation tube is suitable for the electro installation for flush- or cavity wall mountings. This light weight empty tube consists out of flexible plastic for small comprehensive stress.

- Material: Polyoeffin
- Flexible
- Color: Black
- DIN EN 50086-1/50086-2-2, classification 2232
- Pressure resistance: 320 N/5 cm
- Flame retardant
- Self-extinguishing
- Corrosion-proof
- Temperature range: -15 °C up to +90 °C



368687 / DK-3501-16

Flexible empty tube, diameter 16 mm, color black

368694 / DK-3501-23

Flexible empty tube, diameter 23 mm, color black

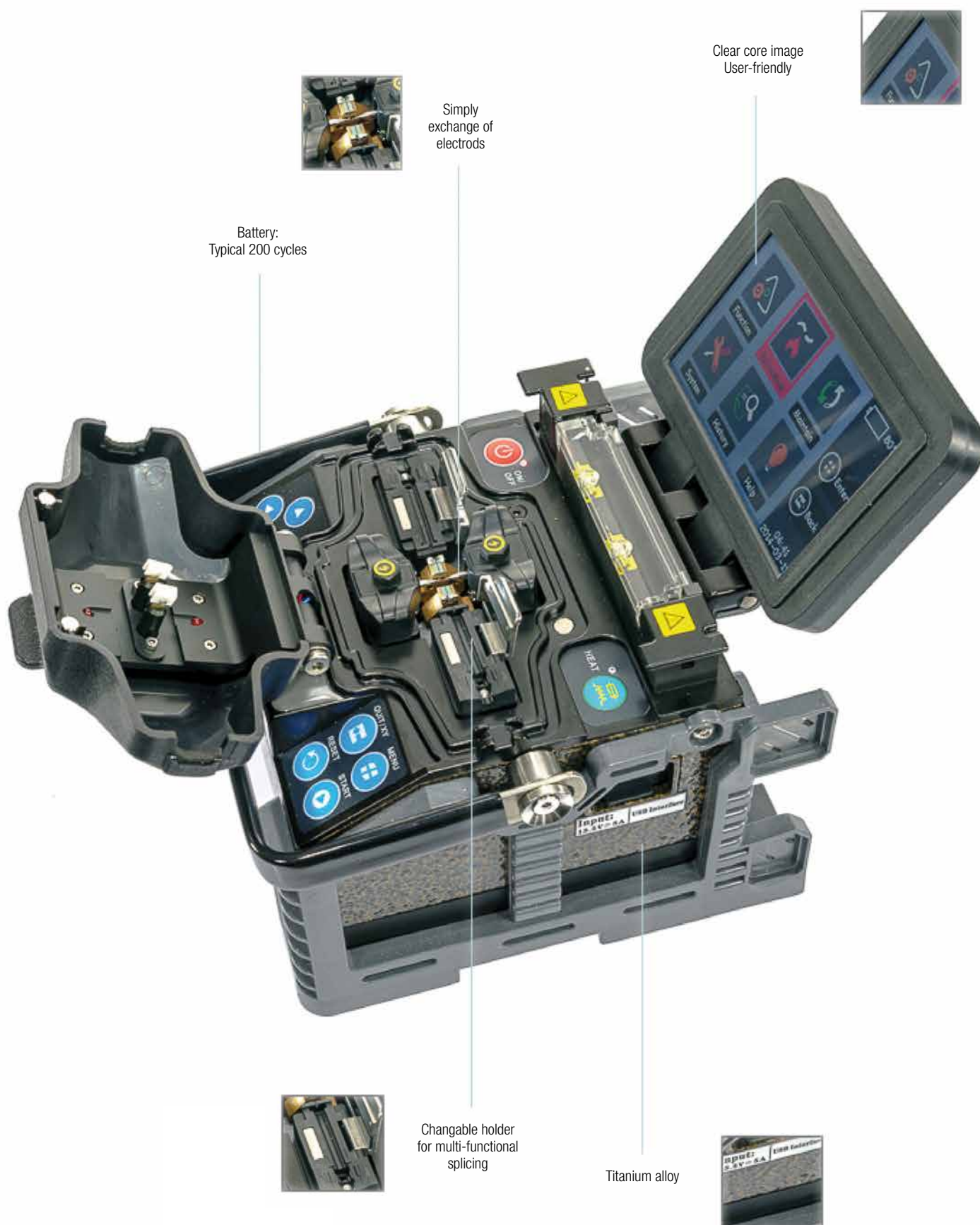
Fiber Master S2T-10A

The housing is made of titanium alloy with rubber protection, and it is splashproofed and dustproof. A splice is implemented in 9 seconds. If you compare the Heating in the long run it is done in 25 seconds. You can do about 200 splices because our Lithium Batteries are without memory effect. The fiber cutter has a long life, as well as a simple Maintenance handling. The S2T - 10A splicer has 4 engines and is a hight speed splicer. It has a user-friendly handling at the 4.3 inch LCD screen.

- Light weight, 1.52kg (exclude battery)
- Harsh weather conditions adaptable
- Titanium alloy, waterproof, dustproof
- Quick optimize menu
- High precision splicing
- USB 2.0 master port, easy to upgrade software
- Fast - 9s fast splicing , 35s fast heating
- Small Size: 130 x 160 x 145 mm (HxWxD)



Fiber Master S2T-10A





Fiber Master S2T-10A

Specification	
Applicable fiber type	SM (single-mode, ITU-T G.652), MM (Multi-mode, ITU-T G.651), DS. (Dispersion displacement, ITU-T G.653), NZDS (Non-zero dispersion displacement, ITU-T G.655)
Average loss	0.02 dB (SM), 0.01 dB (MM), 0.03 dB (DS), 0.04 dB (NZDS)
Return loss	≥ 60 dB
Electrode lifespan	>2000 arcs /cykli
Coating diameter	250-900 [μm]
Cladding diameter	125 [μm]
Average splice time	9 s (SM)
Average heating time	35 s
Pull test	2N
Data interface	USB 2.0 (software upgrade via USB interface)
Battery	Typical full cycle 220 (splice / heat shrink / thermal stripping on a single charge 3h)
Screen	4.3 inch color LCD
Optical magnification	X / Y: 115 times, X or Y: 230 times
Size (H x W x D)	130 x 160 x 145 mm
Weight	1.54kg (without battery), 1.82kg (including battery) including attachments packing gross weight: 5.38kg
Operating environment	Altitude 0 - 4000m, 0 to 95% relative humidity, temperature -10°C - 55 °C, the maximum wind speed 15m / s
Storage environment	Relative humidity:0-95%, Temperature: -40°C -80°C (Except Battery), Temperature: -10°C - 30°C (Battery)
Power supply	11.1V Lithium battery, 13.5V/5A power adapter, 12V power source available on the car

374190 / S2T-10A

Fusion Splicer

374206 / S2T-30A

High Precision Cleaver

374213 / S2T-31A

Blade for high precision Cleaver

374220 / S2T-20A

Electrode (2 pcs)

Fusion Splicer for Singlemode and Multimode Fibers

Digital fusion splicer with automatic focus function. The fiber core can be displayed clearly. Simultaneous single X or Y view and X & Y view. Auto detect cleaved endface.

- Application Fiber SM (G652); MM (G651); DS (G653); NZDS (G 655)
- Splicing time 9 sec; heating time 36 sec; splicing modus auto or normal;
Terminal for USB and VGA, softwareupgrade via USB interface
- 5.1 inch TFT color LCD monitor with clear digital image display
- USB & VGA interface
- Software upgrade via USB interface



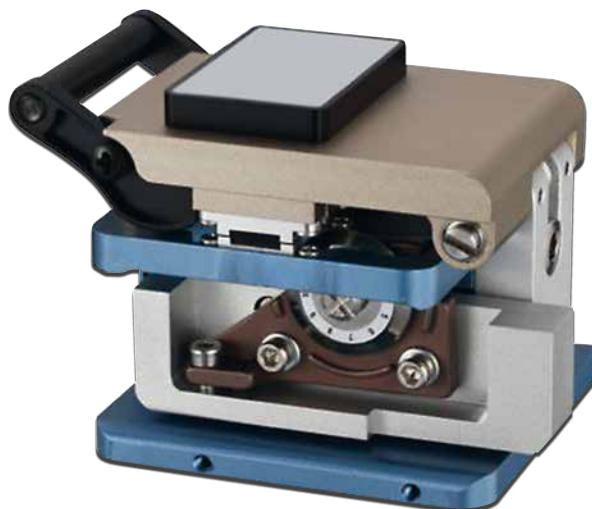
370901 / S2T-FS600

Fusion Splicer for Singlemode and Multimode Fibers

Optical Fiber Cleaver

Optical fiber cleaver that can be easily used. Thanks to rotating blades unlimited highprecision cutting is enabled. Cleave angle: < 1 degree, replaceable blades, 16 cleave spots. Up to 50,000 fiber cuts possible.

- Bare fiberdiameter 0.25 mm-0.9 mm
- Outercoat diameter 125 µm
- Fibertype Single tube fiber and Ribbon fiber (exchanable)
- Cleaved length 9 to16 mm (oslash 0.25)
- Mode semiautomatic
- Weight 255 g
- Blade life 36000 cleaves
- Adjustable cleave length:10-20 mm



370918 / S2T-TC500

Optical Fiber Cleaver

Fiber Optic Cleaver

Small, lightweight and easy to use

Designed for fiber cleaving applications for fiber connectors and mechanical splices as well as laboratory applications.

- Equipped with a standard carbide cleaving blade – capable of over 6.000 consistent cleaves
- Designed for single mode and multimode fiber with Ø diameter of 125 micron with no additional tool adjustments
- Dimension: 130 x 20 x 50 mm
- Weight: 60g



291633 / ASK-DJE22072
Fiber Optic Cleaver

Kevlar cutter of fiber optic cable

Oversized and ergonomic molded handles for operator comfort

Blades are hardened stainless steel with a fine serration on one blade.

- Length: 145mm
- Weight: 70g



291619 / ASK-HT-C151
Kevlar cutter of fiber optic cable

„Three times“ Fiber Optic Stripper

Save your time and money

Supported all common fiber stripping functions in one innovative tool.

- First hole for stripping outer 3mm fiber jacket
- Second hole for removal 900 micron tight buffer to 250 micron buffer coating
- Third hole for removal 250 micron coating to 125 micron coating
- Length: 160 mm
- Weight: 140 g



291626 / ASK-HT-S144H
„Three times“ Fiber Optic Stripper

Digital Analysis Microscope P5000i

The first case for troubleshooting in optical networks is a contaminated fiber connection. With a contaminated connector you get a higher insertion loss. To save this problem you use the P5000i.

- Using via USB with a PC, JDSU measurement or an Adronit Phone
- Automatic picture centring
- Pass/fail Analyse IEC 61300-3-35
- Switching Focus
- Included software for archiving the results



Specification

Connection:	USB 2.9
Cable length:	180 cm
Camera sensor:	2560 x 1920 x 1/2.5 in CMOS
Light source:	Blue LED, 100.000 hour life
Dimensions:	140 x 46 x 44 mm
Weight:	110 g

380474 / SvT-P5000i
Digital Analysis Microscope P5000i

380481 / SvT-MTS-101
Set with SC; LC; FC; SC-APC Adapters

OTDR Messurement MTS-8000

The MTS-8000 from JDSU is a modular platform for OTDR Measurement, Qualifying (PMD, CD, AP) and spectrumanalysing (OAS) in the CATV and Telecommunication-Networks.

- 10,4" Touchdisplay
- Ethernet connection for remote
- Host USB connection
- Two places for slide in

Application for Fiber Lines:

- OTDR for differend waves
- CWDM OTDRCD (Chromatic Dispersion)
- PMD (Polarisation Mode Dispersion)
- PMD IN-Service
- AP (Attenuation Profile)
- OSA (Optical Spectrum Analyzer)



380504 / SVT-MTS8000
 OTDR Messurement MTS-8000

OTDR Messurement MTS 2000

The MTS 2000 from JDSU is a modern platform for measurement in buildings like FTTB, FTTh, LAN Networks.

- 5" Touchdisplay
- Ethernet connection for remote
- Host USB connection
- One places for slide in

Application for Fiber Lines:

- OTDR for LAN, Last Mile, Metro Access, Metro-PON
- CWDM Spectrumanalyser
- OTDR for automatic attenuated
- Selective pegel messurement PON



Product example with SVT-P5000i

380511 / SVT-MTS2000
 OTDR Messurement MTS 2000

Optical Fiber Ranger

OT4 portable optical time domain reflectometry (OTDR) is the latest FTtx optical fiber cable-based test instrument. It has light weight, elegant appearance, small size, easiness of installation and maintenance, high-capacity built-in battery. It provides multiple built-in test wavelengths and optical testing functions like visual fault locator (VFL). As a new product specially designed for FTtx network testing, it provides site technicians with the highest performance and upgrade services.

- Fiber type: Single Mode; Dynamic Range 36/35 dB; Measurement Range 140-160 km



370932 / S2T-OT4
Optical Fiber Ranger S2T-OT4

Optical Fiber Ranger

OR33 Optical Fiber Ranger is the most portable test instrument in the industry. It adopts the OTDR technical principles and integrates the powerful analysis software, which enables the OR3 Optical Fiber Ranger detect fiber faults location more accurate and easy.

- Portable, rugged, lightweight; Easy to use.
- More accurate testing results and better repeatability.
- Up to 8 fiber faults can be detected in each measurement.
- Automatic Pulse Width Control design to ensure a convenient operation.
- Easy to identify the faults location.
- Built-in visual fault locator (VFL), conveniently to find the faults in dead zone.
- Dust, water and shock proof, designed for field use
- Long battery life, up to 5000 measurements operation



370949 / S2T-OR3
Optical Fiber Ranger

Antenna Tester

The Antenna Tester AT88 is an Antenna Tester for 4 G. The Frequency is from 300M up to 4 G

- Frequency Range 600MHz ~ 4GHz
- Frequency Resolution 1kHz
- Frequency Precision 5ppm
- Direction $\geq 42\text{dB}$ Source Match $\geq 31\text{dB}$
- Anti-jamming Capability signal path (+17 dBm) /frequency (-5 dBm)
- Scanning Time 2ms/frequency
- Return Loss Range 0.00-55.00dB
- Resolution 0.01dB
- VSWR Range 0.00-65.00, Resolution: 0.01



370956 / S2T-AT88
Antenna Tester

Optical Multimeters

The OMx handheld optical multimeter integrates the functions of an intelligent optical power meter module and of a highly stable light source module in one unit which can perform closed-loop tests by incorporating both modules. Individual regimes of operation can also be manually chosen using menu operation to switch functions. A perfect combination to make your optical fiber tests a lot more convenient.

- Includes all the outstanding functions of handheld intelligent power meter (OM32A)
- Includes all the outstanding functions of handheld stable light source (OM7B)
- Switching of the power meter function and that of the light source by menu operation
- Different light sources and power meters can be built into OM7C



372370 / S2T-OM32A

Optical Multimeter with Power Meter + Laser Source

370963 / S2T-OM7C

Optical Multimeter with Light Source + Power Meter + Laser Source

Optical Power Meters

The PM3 Handheld Optical Power Meter is a newly designed fiber optic tester, which aims at the installation, engineering acceptance and maintenance of fiber network.

- Wave ID Auto wavelength identification & switching
- Frequency ID - Auto frequency identification
- 2 types of backlight modes, manual or outside light intensity, which indicated by LED light red or blue color.
- Intelligent backlight
- 1000 records storage or download via USB cable
- USB communication port for saved testing records download
- Reference power level can be set up and stored
- User self-calibrating function
- Auto-off function
- Up to 240hrs battery life



372387 / S2T-PM1

Optical Power Meter Measurement Range -50+26 dBm

372387 / S2T-PM30A

Optical Power Meter Measurement Range -70+10 dBm

Optical Variable Attenuator

Fast transition speed to reduce testing time. Flat spectral response to reduce wavelength dependant uncertainty. Maintains selected attenuation level when the unit is powered down. Quick start operation requiring no warm-up time and reducing testing time. 10 minutes Auto-off function. LCD display with backlight. Up to 48 hours battery life.

- Calibration wavelengths: [nm] 1310/1550
- Attenuation range: 0 ~ + 60 dB; Uncertainty +0.2 dB (5%)
- Display resolution: 0.1 dB
- Optical connectors: FC
- Battery operating time: ~ 48 h
- Operating temp.: -10 ~ + 60 C°
- Storage temp.: -25 ~ + 70 C°
- Dimensions: 190 x 100 x 48 mm
- Weight: 290 g



372394 / S2T-VA33B

Optical Variable Attenuator





DATA TRANSMISSION & VIDEO SOLUTIONS

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Flexible. Efficient. Solution-oriented.

Our active network technology portfolio

Not only do we offer you a whole world of structured building cabling, but we also have professional products from the field of active network technology at our disposal.

That includes LCD consoles, KVM solutions, video solutions, network switches, industrial components, media converters, SFP modules, PoE solutions (power over Ethernet), and innovative products from the security and surveillance sector. Our products are ideally suited for small and medium-sized companies that value efficient and flexible network technology.

LCD administrator consoles are a must in any large datacenter. One or more servers can be managed with their help. You can save space by stowing the required peripherals in a single height unit inside the network cabinet, along with a TFT screen, keyboard, and touchpad. Modular consoles from DIGITUS® Professional offer you a range of variations (17" or 19" TFT, and an optionally integrated KVM switch with 8 or 16 ports). DIGITUS® Professional LCD consoles are also used in international markets, meaning that they can be easily adapted when circumstances change, thanks to the different options for keyboard layouts.

A special tip from us to you: The new video distribution products

Whether the job calls for HDMI, VGA, DVI, or DisplayPort, DIGITUS® Professional's broad range of products enables it to offer the right solution for digital signage.

For example, you can extend your video signal via CAT 5 or your existing network infrastructure and display your media content on multiple screens at the same time.

High-Quality 483 mm (17") LCD-KVM Consoles



Console with 43.2 cm (17") TFT, Keyboard & Touchpad

The DIGITUS® TFT consoles are a space-saving and functional solution for a comfortable connection to PCs, servers or KVM installations in a rack-mounting area. They combine three devices in one and occupy only 1U in a rack. DIGITUS® LCD consoles are also used in international markets, meaning that they can be easily adapted when circumstances change, thanks to the different options for keyboard layouts.

- Non-reflective and break-proof TFT monitor 43.2 cm (17")
- Optimum resolution: 1280x1024 at 60 Hz
- Highest resolution: 1920x1080 at 60 Hz
- Console could save almost 85 % space
- Contrast rate: 1000:1
- Supports: 16.7 M colors
- Ultra thin keyboard
- Mouse touch board with two function button
- The console can be totally pulled out from the cabinet and the TFT screen can be tilted by 120 degrees
- Gross weight: 18.6 kg
- Front panel with lock to prevent damage by accident
- Space-saving steel sheet housing (1U height), black (RAL 9005)
- German keyboard layout (99 keys)
- Dimensions: 443 x 685 x 640 mm
- Connection cables included (1.8 m)



Single Port Version

323402 / DS-72001GE

Console with 43.2 cm (17") TFT, german keyboard

323419 / DS-72001US

Console with 43.2 cm (17") TFT, american keyboard

366737 / DS-72001UK

Console with 43.2 cm (17") TFT, english keyboard

350828 / DS-72001FR

Console with 43.2 cm (17") TFT, french keyboard

350835 / DS-72001ES

Console with 43.2 cm (17") TFT, spanish keyboard

350842 / DS-72001IT

Console with 43.2 cm (17") TFT, italian keyboard

350859 / DS-72001TR

Console with 43.2 cm (17") TFT, turkish keyboard

350866 / DS-72001RU

Console with 43.2 cm (17") TFT, russian keyboard

350880 / DS-72001CH

Console with 43.2 cm (17") TFT, swiss keyboard



8 Port Version

323426 / DS-72002GE

Console with TFT 43.2 cm (17"), 8 Port KVM, german keyboard

323457 / DS-72002US

Console with TFT 43.2 cm (17"), 8 Port KVM, american keyboard

366744 / DS-72002UK

Console with TFT 43.2 cm (17"), 8 Port KVM, english keyboard

350897 / DS-72002FR

Console with TFT 43.2 cm (17"), 8 Port KVM, french keyboard

350910 / DS-72002ES

Console with TFT 43.2 cm (17"), 8 Port KVM, spanish keyboard

350927 / DS-72002IT

Console with TFT 43.2 cm (17"), 8 Port KVM, italian keyboard

350934 / DS-72002TR

Console with TFT 43.2 cm (17"), 8 Port KVM, turkish keyboard

350941 / DS-72002RU

Console with TFT 43.2 cm (17"), 8 Port KVM, russian keyboard

350958 / DS-72002CH

Console with TFT 43.2 cm (17"), 8 Port KVM, swiss keyboard

16 Port Version

323433 / DS-72003GE

Console with TFT 43.2 cm (17"), 16 Port KVM, german keyboard

323440 / DS-72003US

Console with TFT 43.2 cm (17"), 16 Port KVM, american keyboard

366751 / DS-72003UK

Console with TFT 43.2 cm (17"), 16 Port KVM, english keyboard

350965 / DS-72003FR

Console with TFT 43.2 cm (17"), 16 Port KVM, french keyboard

350972 / DS-72003ES

Console with TFT 43.2 cm (17"), 16 Port KVM, spanish keyboard

350989 / DS-72003IT

Console with TFT 43.2 cm (17"), 16 Port KVM, italian keyboard

350996 / DS-72003TR

Console with TFT 43.2 cm (17"), 16 Port KVM, turkish keyboard

351009 / DS-72003RU

Console with TFT 43.2 cm (17"), 16 Port KVM, russian keyboard

351016 / DS-72003CH

Console with TFT 43.2 cm (17"), 16 Port KVM, swiss keyboard



High-Quality 483 mm (19") LCD-KVM Consoles

Console with 48.3 cm (19") TFT, Keyboard & Touchpad

The DIGITUS® TFT consoles are a space-saving and functional solution for a comfortable connection to PCs, servers or KVM installations in a rack-mounting area. They combine three devices in one and occupy only 1U in a rack.

DIGITUS® LCD consoles are also used in international markets, meaning that they can be easily adapted when circumstances change, thanks to the different options for keyboard layouts.

- Non-reflective and break-proof TFT monitor 48.3 cm (19")
- Optimum resolution: 1280x1024 at 60 Hz
- Highest resolution: 1920x1080 at 60 Hz
- Console could save almost 85 % space
- Contrast rate: 1000:1
- Supports: 16.7 M colors
- Ultra thin keyboard
- Mouse touch board with two function button
- The console can be totally pulled out from the cabinet and the TFT screen can be tilted by 120 degrees
- Gross weight: 18.6 kg
- Front panel with lock to prevent damage by accident
- Space-saving steel sheet housing (1U height), black (RAL 9005)
- German keyboard layout (99 keys)
- Dimensions (WxDxH): 450 x 675 x 630 mm
- Connection cables included (1.8 m)



Single Port Version

323488 / DS-72011GE

Console with 48.3 cm (19") TFT, german keyboard

323495 / DS-72011US

Console with 48.3 cm (19") TFT, american keyboard

366706 / DS-72011UK

Console with 48.3 cm (19") TFT, english keyboard

351023 / DS-72011FR

Console with 48.3 cm (19") TFT, french keyboard

351030 / DS-72011ES

Console with 48.3 cm (19") TFT, spanish keyboard

351047 / DS-72011IT

Console with 48.3 cm (19") TFT, italian keyboard

351191 / DS-72011TR

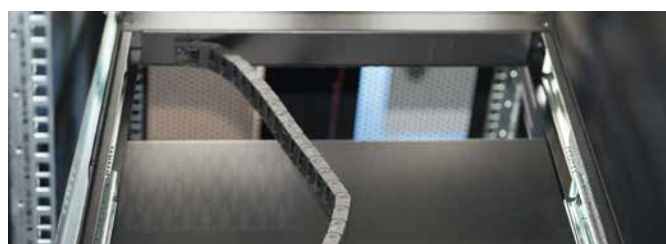
Console with 48.3 cm (19") TFT, turkish keyboard

351207 / DS-72011RU

Console with 48.3 cm (19") TFT, russian keyboard

351214 / DS-72011CH

Console with 48.3 cm (19") TFT, swiss keyboard



8 Port Version

323501 / DS-72012GE

Console with TFT 48.3 cm (19"), 8 Port KVM, german keyboard

323518 / DS-72012US

Console with TFT 48.3 cm (19"), 8 Port KVM, american keyboard

323518 / DS-72012UK

Console with TFT 48.3 cm (19"), 8 Port KVM, english keyboard

351245 / DS-72012FR

Console with TFT 48.3 cm (19"), 8 Port KVM, french keyboard

351283 / DS-72012ES

Console with TFT 48.3 cm (19"), 8 Port KVM, spanish keyboard

351290 / DS-72012IT

Console with TFT 48.3 cm (19"), 8 Port KVM, italian keyboard

351313 / DS-72012TR

Console with TFT 48.3 cm (19"), 8 Port KVM, turkish keyboard

351344 / DS-72012RU

Console with TFT 48.3 cm (19"), 8 Port KVM, russian keyboard

351375 / DS-72012CH

Console with TFT 48.3 cm (19"), 8 Port KVM, swiss keyboard

16 Port Version

323525 / DS-72013GE

Console with TFT 48.3 cm (19"), 16 Port KVM, german keyboard

323938 / DS-72013US

Console with TFT 48.3 cm (19"), 16 Port KVM, american keyboard

366720 / DS-72013UK

Console with TFT 48.3 cm (19"), 16 Port KVM, english keyboard

351450 / DS-72013FR

Console with TFT 48.3 cm (19"), 16 Port KVM, french keyboard

351696 / DS-72013ES

Console with TFT 48.3 cm (19"), 16 Port KVM, spanish keyboard

351702 / DS-72013IT

Console with TFT 48.3 cm (19"), 16 Port KVM, italian keyboard

351733 / DS-72013TR

Console with TFT 48.3 cm (19"), 16 Port KVM, turkish keyboard

351788 / DS-72013RU

Console with TFT 48.3 cm (19"), 16 Port KVM, russian keyboard

351863 / DS-72013CH

Console with TFT 48.3 cm (19"), 16 Port KVM, swiss keyboard

IP Module for KVM Switches

Remote WEB-based management
Remotely access computers via LAN, WAN, or the Internet

The DIGITUS® IP modules are ideal for use with KVM switches in small to medium server rooms, where an administrator access must be guaranteed at any time from any location. They provide direct connection via a KVM switch connected to the computer via an existing Internet connection with a browser.

- Remote KVM (keyboard, video and mouse) access over IP
- Remotely access computers via LAN, WAN, or the Internet
- Full control under all OS, in BIOS level, during boot, or at Blue Screens
- Remote port selection switch for convenient switch placement
- Remote WEB-based management
- DES encryption of all transmitted data
- IP access via 10/100/1000Mbps LAN



340218 / DS-51000
IP Module for KVM Switches

KVM Cable PS/2 / USB for KVM Consoles and KVM-Switches

Octopus cable set for DIGITUS® consoles with integrated KVM, for PS/2 / VGA servers

- HDB15/M <=> HDB15/M, 2 x MiniDIN6/M, 1 x USB/M
- Color: Black
- Connectors color coded: keyboard (violet), mouse (green), USB (black) and monitor (blue)
- Suitable for DIGITUS® TFT consoles with integrated KVM and KVM switches
- Suitable for: DS-720xx and DS-23100-1, DS-23200-1, DS-23300-1



329947 / DS-19231
KVM Cable set, PS/2 - 1.8 m

329954 / DS-19232
KVM Cable set, PS/2 - 3.0 m

329961 / DS-19233
KVM Cable set, PS/2 - 5.0 m

USB-PS/2 Combo-KVM Switch

The high quality KVM switches with IP function (optional) are ideal for using in small to middle sized server rooms in which an access of the administrator must be guaranteed at any time from any place. They provide direct connection from a local console or even due to remote control over an existing internet connection with an according browser. Due to the possibility to upgrade the firmware, they fit simply to all new conditions.

- Controls several PCs with one PS/2 or USB keyboard, one PS/2 or USB mouse, and one monitor
- Remote KVM (keyboard, video and mouse) access over IP
- IP access via 10/100/1000Mbps LAN with DS-51000 (optional)
- Full control under all OS, in BIOS level, during boot, or at Blue Screens
- No additional installation software required
- Remote power wakeup on the target computer
- Extension via cascading possible
- resolution 1280X1024 at 60Hz
- Hot plug support
- Emulates a keyboard on each PC to allow your computers to boot normally without a keyboard error
- Autoscan (5 to 90 sec., selectable)
- Compliant to USB 2.0 specification
- Up to 50 users profile
- Persistent logging of all important events
- Upgradeable firmware
- Rack mountable
- Supports Windows, Mac, Linux and Sun Micro Systems



IP Function Module for KVM Switches // **DS-51000**



KVM Cable PS/2 for KVM Consoles and KVM-Switches
DS-19231 // DS-19232 // DS-19233

340140 / DS-23100-1
 USB-PS/2 Combo-KVM Switch, 4 Port

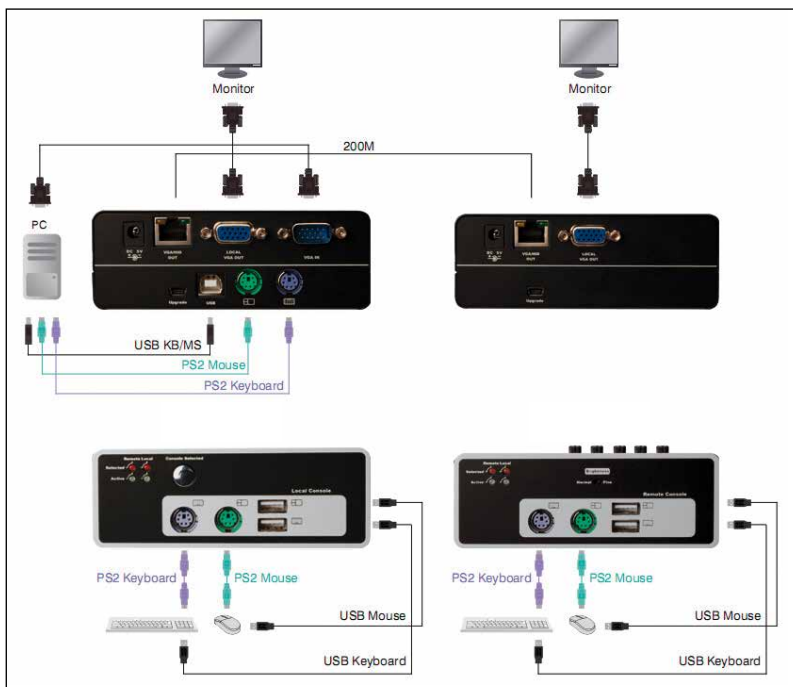
340157 / DS-23200-1
 USB-PS/2 Combo-KVM Switch, 8 Port

340164 / DS-23300-1
 USB-PS/2 Combo-KVM Switch, 16 Port

Combo KVM Extender with USB and PS/2

This Combo KVM Extender allows an extension of VGA video, USB, and / or PS/2 signals up to a distance of 200 meters away from the signal source. With the built-in video and keyboard/mouse signal amplifiers an excellent quality of video resolutions can be achieved.

- Extends keyboard, video, and mouse signals via Cat5 cables
- Dual console operation possible - controls your system locally and remotely
- Push button at local side to select active console
- Options available to control console settings: local / remote / local and remote
- Local and remote consoles allow connections of USB and / or PS/2 keyboards / computer mice
- Allows computer connections via USB and / or PS/2 interfaces at local console
- Supports high video resolutions of up to 1920x1080 pixels at max. 75m; 1280x1024 pixels up to 200m, at 60Hz
- Remote monitor DDC2B supported
- Control of focus, brightness, and color skew at remote side ensures perfect video quality
- No software or driver installations required
- Supports access to BIOS level
- LEDs on both devices indicate active console and connection status
- Firmware upgradeable
- Supports Windows®, Mac, Linux and Sun Micro Systems
- Dimensions local / remote (L x W x H): 125mm x 78mm x 46mm
- Package contents: 1 x local unit; 1 x remote unit; 1 x user manual; 1 x VGA female to male cable, 1 x USB cable; 2 x power adaptor DC 5V 2A



Local



Remote

USB KVM Extender over CAT 5

Move your console to the most convenient place – Enjoy flexibility!

Extends the Video, USB Keyboard and Mouse signal by Cat 5 up to 200m

- High resolution video up to 1280x1024 @ 60Hz for distances of up to 200 meters
- High quality resolutions thanks to the built-in video, keyboard and mouse signal enhancement
- Dual console operation - Control your system from both the local and remote unit
- Selection of the active console via push button at local side
- Three active console options: local console / remote console / both consoles
- Supports keyboard/mouse connection of USB interface to computer at local side
- DDC2B support for remote monitor
- No software or driver installation required
- Supports BIOS level operation
- Firmware upgradeable



Suitable Accessories
DS-15003 Rack Mount Kit



Local



Remote

306054 / DS-51200
 USB-KVM-Extender over CAT 5

PS/2 KVM Extender over CAT 5

Perfect for moving the console away from KVM switch to the most convenient place

The extension of VGA, PS/2 keyboard, PS/2 mouse signal up to 180 meter away by using the KVM Extender and one CAT 5 cable.

- Max. resolution 1280x1024 pixels
- Support Auto/Manual video quality adjustment
- Support video gain, equalization and RGB skew adjust
- Support three hot keys to combine other equipment
- Two control privilege modes – „Share“ & „Local only“
- Extra console port is available on Local side
- Auto console selection between Local and Remote



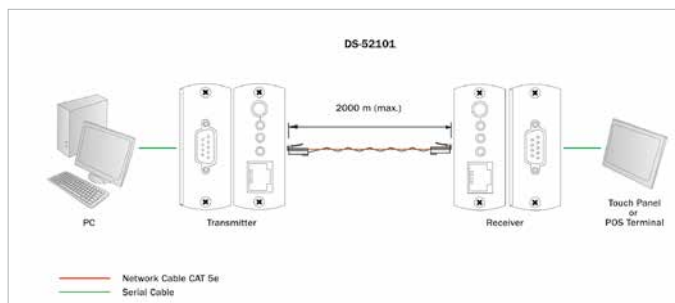
232711 / DC-51102
 PS/2 KVM Extender over CAT 5

RS232 Extender over CAT 5, up to 2.000 m

Ideal for connecting to remotely installed devices and machines with an RS232 interface

The DIGITUS® RS232 extender makes it possible to extend serial data signals up to a length of 2,000 m without any problems. This ensures that you can flexibly position your devices or machines with a serial RS232 interface. The extender offers full-duplex transmission and is compatible with all RS232 protocols.

- Extension via CAT 5 cable
- Sends RS232 data at 115,200 bps up to 2.000 m
- Compatible with all RS232 protocols
- Full-duplex transmission
- Pure hardware solution - real time data transfer, no software conflicts
- Data transmission between computers and other devices
- Connections Transmission Unit: 1 x DB-9 jack, 1 x RJ45
- Connections Receiver Unit: 1 x DB 9 Plug, 1 x RJ45



367000 / DS-52101

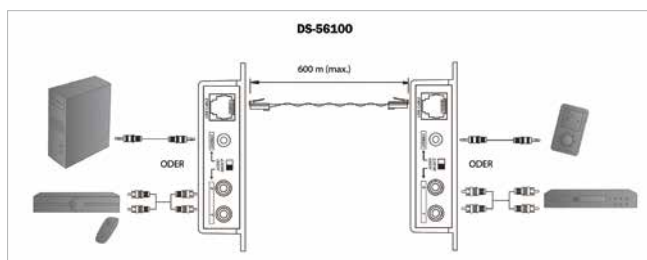
RS232 Extender over CAT 5, up to 2000 m

Audio Extender over CAT 5, up to 600 m

Use a simple network cable to extend the audio signal - up to 600 m

With the DIGITUS® CAT 5 Audio Extender you are able to extend audio stereo and microphone signals up to 600 meter away by using the Audio Extender and one CAT 5 cable. You can connect your audio devices by RCA or 3.5 mm audio cable and the integrated dip-switch enables an easy and fast switching between the connected sources.

- Place your audio devices wherever you want without audio cable limitations
- Extension of audio signals up to 600m
- Switch between RCA and audio stereo by dip switch
- Gold-plated RCA contacts
- 1x 3.5mm stereo output
- 1x RCA output
- 1x RJ45
- No power supply needed



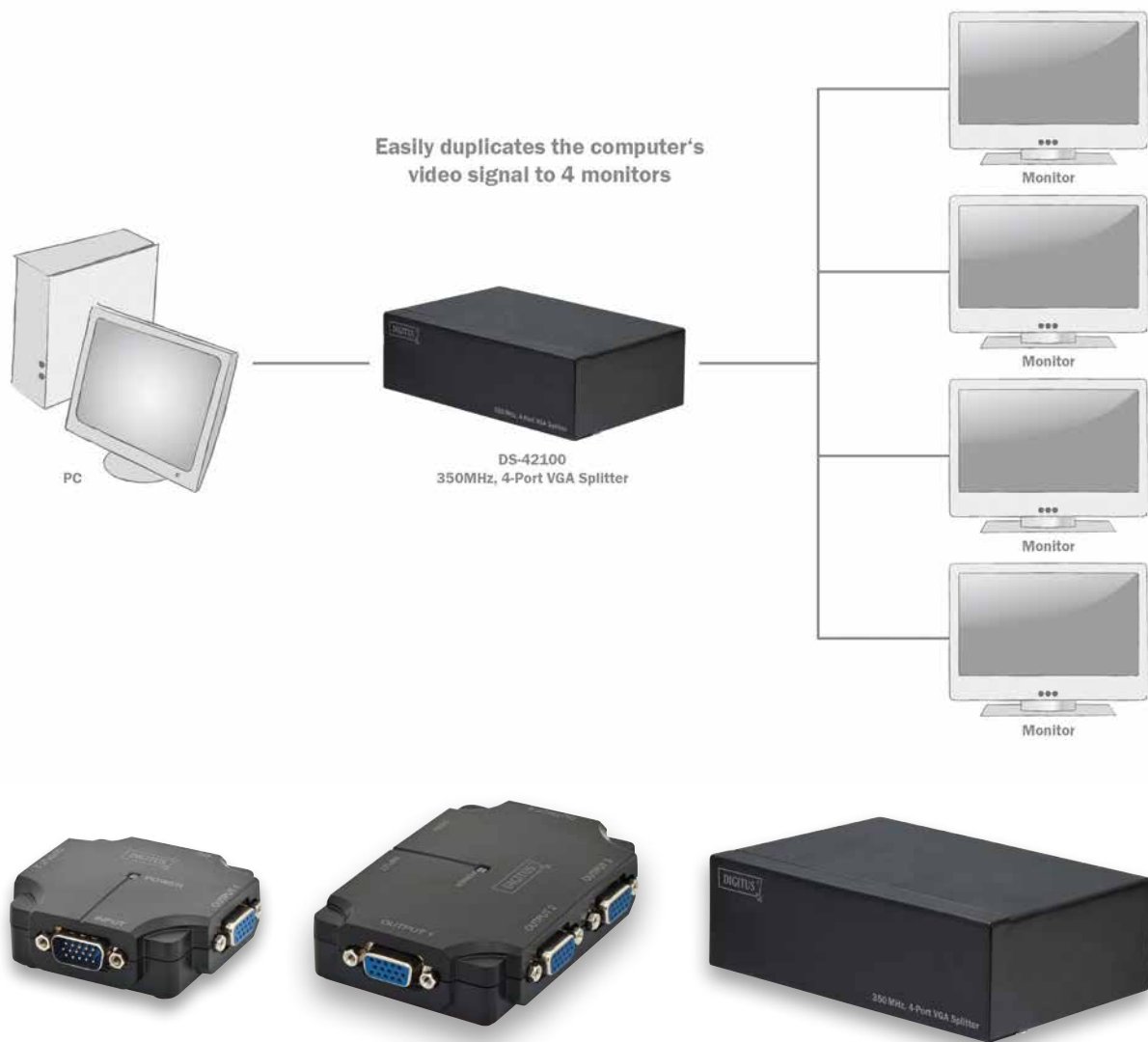
366997 / DS-56100

Audio Extender over CAT 5, up to 600 m

VGA Video Splitter

With a video splitter you can use one video source to display identical images on 2, 4, 8, or 16 monitors - or on even more screens by means of cascading. Thus, a video splitter can be used in various application fields, e.g. test bench facilities, data centers, help desks, video broadcasting, presentations and educational facilities.

- DDC, DDC2, DDC2B support
- Cascadable (max. 64)
- Max. transmission distance: 75 m
- Video input and outputs: HD DSUB, 15-pin, jacks



Product Number Information VGA Video Splitter

Product Number	EAN Code	Ports	Video Bandwidth (MHz)	Max. Resolution	Housing Material
DS-41120-1	4016032323839	2	350	1920 x 1080	Plastic
DS-41100	4016032325024	2	350	2048 x 1536	Metal
DS-41110	4016032323808	2	500	2048 x 1536	Metal
DS-42120-1	4016032323853	4	350	1920 x 1080	Plastic
DS-42100	4016032323785	4	350	2048 x 1536	Metal
DS-42110	4016032323815	4	500	2048 x 1536	Metal
DS-43100	4016032323792	8	350	2048 x 1536	Metal
DS-42130	4016032323822	8	500	2048 x 1536	Metal
DS-42140	4016032323846	16	250	1920 x 1080	Metal

VGA Splitter 350 MHz, 2 Port

With a video splitter you can use one video source to display identical images on 2, 4, 8, or 16 monitors - or on even more screens by means of cascading. Thus, a video splitter can be used in various application fields, e.g. test bench facilities, data centers, help desks, video broadcasting, presentations and educational facilities.

- Plastic housing
- Video bandwidth: 350 MHz
- Max. resolution: 1920x1080p
- DDC, DDC2, DDC2B support
- Cascadable (max. 64)
- Max. transmission distance: 75m
- Video IN/OUT: HD DSUB, 15-pin, jacks



323839 / DS-41120-1
VGA Splitter 350 MHz, 2 Port

VGA Splitter 350 MHz, 2 Port

With a video splitter you can use one video source to display identical images on 2, 4, 8, or 16 monitors - or on even more screens by means of cascading. Thus, a video splitter can be used in various application fields, e.g. test bench facilities, data centers, help desks, video broadcasting, presentations and educational facilities.

- Video bandwidth: 350 MHz
- Max. resolution: 2048x1536p @60Hz
- DDC, DDC2, DDC2B support
- Cascadable (max. 64)
- Metal housing for better EMI shielding
- Max. transmission distance: 75m
- Video IN/OUT: HD DSUB, 15-pin, jacks



325024 / DS-41100
VGA Splitter 350 MHz, 2 Port

VGA Splitter 500 MHz, 2 Port

With a video splitter you can use one video source to display identical images on 2, 4, 8, or 16 monitors - or on even more screens by means of cascading. Thus, a video splitter can be used in various application fields, e.g. test bench facilities, data centers, help desks, video broadcasting, presentations and educational facilities.

- Enables to split a video-signal from a PC onto 2 monitors, or other video output devices
- Video bandwidth: 500 MHz
- Max. resolution: 2048x1536p @60Hz
- Max. transmission distance: 75m
- Cascadable (max. 64)
- Metal housing for better EMI shielding
- DDC, DDC2, DDC2B support
- Video IN/OUT: HD DSUB, 15-pin, jacks



323808 / DS-41110
VGA Splitter 500 MHz, 2 Port

VGA Splitter 350 MHz, 4 Port

With a video splitter you can use one video source to display identical images on 2, 4, 8, or 16 monitors - or on even more screens by means of cascading. Thus, a video splitter can be used in various application fields, e.g. test bench facilities, data centers, help desks, video broadcasting, presentations and educational facilities.

- Plastic housing
- Video bandwidth: 350 MHz
- Max. resolution: 1920x1080p
- DDC, DDC2, DDC2B support
- Cascadable (max. 64)
- Max. transmission distance: 75m
- Video IN/OUT: HD DSUB, 15-pin, jacks



323853 / DS-42120-1
VGA Splitter 350 MHz, 4 Port

VGA Splitter 350 MHz, 4 Port

With a video splitter you can use one video source to display identical images on 2, 4, 8, or 16 monitors - or on even more screens by means of cascading. Thus, a video splitter can be used in various application fields, e.g. test bench facilities, data centers, help desks, video broadcasting, presentations and educational facilities.

- Video bandwidth: 350 MHz
- Max. resolution: 2048x1536p @60Hz
- DDC, DDC2, DDC2B support
- Cascadable (max. 64)
- Metal housing for better EMI shielding
- Max. transmission distance: 75m
- Video IN/OUT: HD DSUB, 15-pin, jacks



323785 / DS-42100
VGA Splitter 350 MHz, 4 Port

VGA Splitter 500 MHz, 4 Port

With a video splitter you can use one video source to display identical images on 2, 4, 8, or 16 monitors - or on even more screens by means of cascading. Thus, a video splitter can be used in various application fields, e.g. test bench facilities, data centers, help desks, video broadcasting, presentations and educational facilities.

- Enables to split a video-signal from a PC onto 4 monitors, or other video output devices
- Video bandwidth: 500MHz
- Max. resolution: 2048x1536p @60Hz
- Max. transmission distance: 75m
- Cascadable (max. 64)
- Metal housing for better EMI shielding
- DDC, DDC2, DDC2B support
- Video IN/OUT: HD DSUB, 15-pin, jacks



323815 / DS-42110
VGA Splitter 500 MHz, 4 Port

VGA Splitter 350 MHz, 8 Port

With a video splitter you can use one video source to display identical images on 2, 4, 8, or 16 monitors - or on even more screens by means of cascading. Thus, a video splitter can be used in various application fields, e.g. test bench facilities, data centers, help desks, video broadcasting, presentations and educational facilities.

- Video bandwidth: 350 MHz
- DDC, DDC2, DDC2B support
- Cascadable (max. 64)
- Metal housing for better EMI shielding
- Max. transmission distance: 75m
- Video IN/OUT: HD DSUB, 15-pin, jacks
- Max. resolution: 2048x1536p @60Hz



323792 / DS-43100
VGA Splitter 350 MHz, 8 Port

VGA Splitter 250 MHz, 16 Port

With a video splitter you can use one video source to display identical images on 2, 4, 8, or 16 monitors - or on even more screens by means of cascading. Thus, a video splitter can be used in various application fields, e.g. test bench facilities, data centers, help desks, video broadcasting, presentations and educational facilities.

- Enables to split a video-signal from a PC onto 16 monitors, or other video output devices
- Video bandwidth: 250 MHz
- Max. resolution: 1920x1080p @60Hz
- Max. transmission distance: 75m
- Cascadable (max. 64)
- Metal housing for better EMI shielding
- DDC, DDC2, DDC2B support
- Video IN/OUT: HD DSUB, 15-pin, jacks

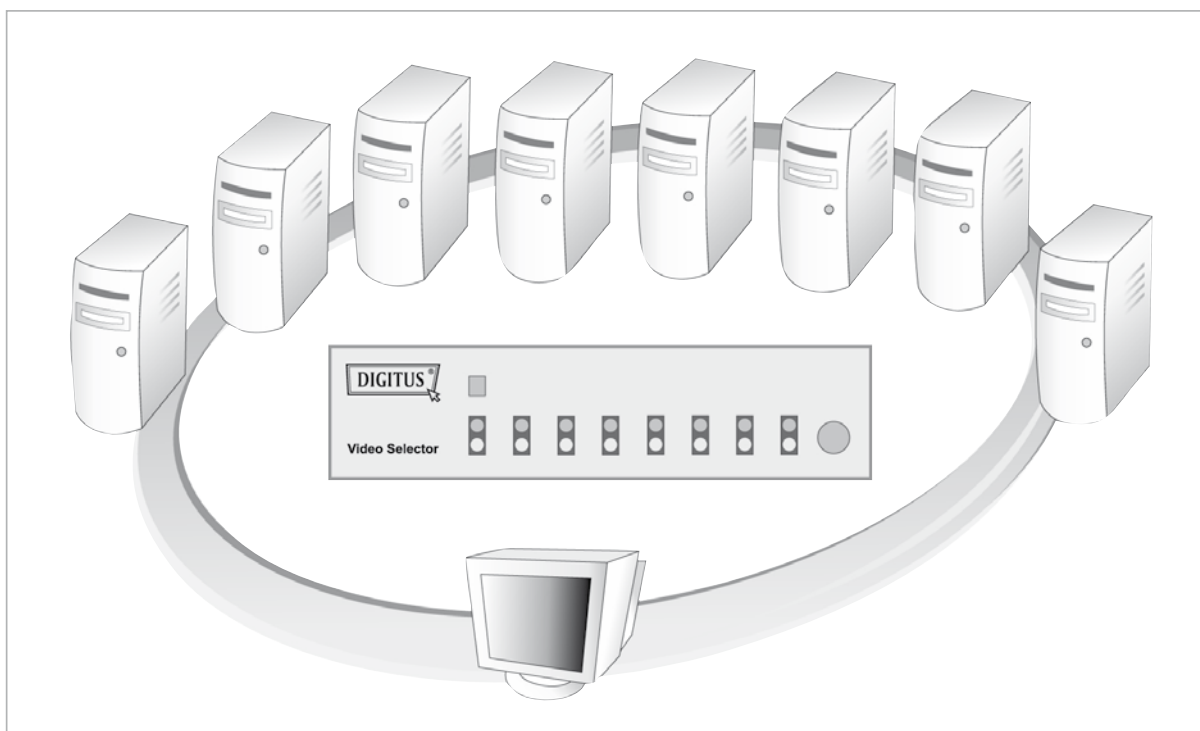


323846 / DS-42140
VGA Splitter 250 MHz, 16 Port

VGA Video Switches

The VGA Video Switch is the excellent solution for connecting and switching between multiple PCs to one display. It eliminates the hassle of having to swap out connections to the display and allows easy selecting of the video source by the push of a button. In addition, the switch has an audio function, whereby video and audio signals can be transmitted simultaneously.

- DDC, DDC2, DDC2B support
- Video input connections: HDSUB15/female
- Video output connections: HDSUB15/female
- Metal housing for better EMI shielding



Product Number Information VGA Video Switches

Product Number	EAN Code	Outputs	Inputs	Video Bandwidth (MHz)	Max. Resolution	Audio transmission	Housing Material
DS-44100-1	4016032323532	2	1	250	1920 x 1080	Yes	Metal
DS-45100-1	4016032323549	2	1	250	1920 x 1080	No	Metal
DS-46100	4016032258254	2	1	250	1920 x 1080	No	Metal

VGA Switch 2 PCs, 1 Monitor

The VGA Video Switch is the excellent solution for connecting and switching between multiple PCs to one display. It eliminates the hassle of having to swap out connections to the display and allows easy selecting of the video source by the push of a button. In addition, the switch has an audio function, whereby video and audio signals can be transmitted simultaneously.

- Ideal for school classes, workshops, training rooms, etc.
- 2 inputs (PC), 1 output (monitor, beamer, etc.)
- Max. resolution: 1920x1080p @60Hz
- Video bandwidth 250 MHz
- DDC, DDC2, DDC2B support
- Video input connections: HDSUB15/female
- Video output connections: HDSUB15/female
- Audio input connection: 1 x 3.5 mm audio jack
- Audio output connections: 2 x 3.5 mm audio jack



323532 / DS-44100-1

VGA Switch 250 MHz, 2 Inputs, 1 Output

323549 / DS-45100-1

VGA Switch 250 MHz, 4 Inputs, 1 Output

VGA Switch 8 PCs, 1 Monitor

Easy and convenient video source selection by push button

A video selector allows you to choose and display one video signal out of several video sources.

- 8 inputs (PC), 1 output (monitor, beamer, etc.)
- Ideal for school classes, workshops, training rooms, etc.
- Maximum resolution 1920x1440 pixels at 60Hz
- Video bandwidth: 250MHz
- DDC, DDC2, DDC2B support
- OSD and remote control allow easy selection of PC
- Video input connections: HDSUB15/female
- Video output connection: HDSUB15/female
- Dimensions (L x W x H, weight): 200mm x 75mm x 45mm, 420g
- Package contents: 1 x video selector; 1 x user manual; 1 x power adaptor DC 9V 300mA



258254 / DS-46100

VGA Switch 250 MHz, 8 Inputs, 1 Output



Video/Audio Matrix

Video/Audio Matrix

Ideal for distributing video in classrooms, at exhibits, trade shows, demonstrations, and for multi-media presentations

Using a Video/Audio Matrix you can display / play images / audio signals on up to 4 screens / speakers (or earphones) using 2 different PCs.

- Intelligent functionality
- Can be cascaded
- Featuring 250 MHz video bandwidth, suitable for DDC, DDC2, DDC2B
- Supports VGA, SVGA, UXGA, QXGA resolutions
- Can be used for Multi-Sync video types, including RGBHV, RGsB, RGBS
- Supports synchronizations, positive & negative; TTL or 1Vpp level
- VGA outputs compatible with standard VGA cards
- Extends video signal up to 65 meters (213 feet)
- Audio Frequency Response 20Hz~20KHz
- Using the switches on the front side you can turn on/off video signal sources and output signals (Out/All).
- Dimensions (L x W x H, weight): 130mm x 75mm x 42mm, 450g
- Package contents: 1x video/audio matrix, 1x user manual, 1x power adaptor DC 12V, 600mA



255697 / DC-47100

Video/Audio Matrix, 2x2

Video/Audio Matrix Switch

Ideal for distributing video in classrooms, at exhibits, trade shows, demonstrations, and for multi-media presentations

Through the video/audio matrix DC-48101, you can display / play different images / audio signals to 4 screens / speakers (or earphones) through 4 PC. And you can also control the source of image / audio by selecting PC signal source 1 ~ 4 or turning off source input.

- Intelligent functionality
- Can be cascaded
- With 350 MHz pixel frequency, supports DDC, DDC2, DDC2B
- Supports VGA, SVGA, UXGA, QXGA resolutions
- Support Multi-Sync video type include RGBHV, RGsB, RGBS
- Support synchronous Include positive, negative; TTL or 1Vpp level
- Four sets of 7-Segment LED can indicate the input setting status of input port quickly
- The output is compatible with standard VGA card
- Extends the video signal up to 65 meter (213 feet)
- The switches on panel can select PC signal source 1 ~ 4 as OUT 1 ~ 4 or turning off any signal I/O port / all I/O ports



233350 / DC-48101

VGA Video/Audio Matrix Switch, 4x4

VGA Matrix Splitter, 250 MHz

The convenient and complete video signal distributing solution

With this video matrix splitter it is possible to choose one video signal from two video sources and to display the signal on several monitors.

- 2 switchable inputs (PC), 2 outputs (monitor)
- Built-in line amplifier, up to 65m
- Maximum resolution 1920x1440 pixels at 60Hz
- Video bandwidth: 250 MHz
- DDC, DDC2, DDC2B support
- Cascadable
- Video input connections: HDSUB15/female
- Video output connections: HDSUB15/female
- Package contents: 1 x video matrix splitter; 1 x user manual; 1 x power adaptor AC 7.5V 800mA



279327 / DS-47110-1

VGA Video Matrix, 2 Inputs, 2 Outputs

279334 / DS-48110-1

VGA Video Matrix, 2 Inputs, 4 Outputs

4K HDMI Splitter, 1x4

Experience your media content on up to four monitors, televisions, or projectors simultaneously in 4K UHD resolution!

The DIGITUS® 4K HDMI Splitter 1x4 distributes the signal from your HDMI device to up to four monitors, televisions or projectors in 4K Ultra HD resolution. Fiddling with cables each time is a thing of the past. Both Full HD and Full 3D are supported, too. It provides the ideal solution for professional applications, such as video wall presentations or product launches (offices/business spaces, trade fair exhibits, display windows, waiting rooms, restaurants/café, etc.), as well as home entertainment systems. You can experience your content with sharp 4K UHD resolution, regardless of whether you display images, presentations, or even movies, videos and games, with the 4K HDMI Splitter 1x4.



- HDMI connections: 1 input, 4 outputs
- Supports Ultra HD (30Hz), 4096 x 2160 pixel resolution
- Supports 4K, Full HD, Full 3D, 4K2K video
- Supports HDTV, 4096 x 2160 pixel resolution
- EDID support: automatic input source detection
- Supports Deep Color, 30/36-bit
- Status LEDs (connection status)
- Complies with Standard HDMI / High Speed HDMI
- Supports compressed audio formats, e.g., DTS Digital, Dolby Digital (including DTS-HD and Dolby True HD)
- Supports Standard audio, DSD audio, HD (HBR) audio
- Cascades up to 3 splitters (max. 64 displays)
- Supports HDCP repeaters
- The integrated HDMI signal amplifier supports additional cable lengths of 5 m (Standard HDMI) and even up to 15 m (High Speed HDMI)
- Frequency range/data transmission rate: 25 MHz–340 MHz, up to 3.0 Gbps per channel
- Complies with HDCP Ver. 1.3
- Dimensions: L 7.0 x W 15.5 x H 2.5 cm
- Power supply unit (5V/2A)
- Weight: 263 g
- Color: black



366232 / DS-47304

4K HDMI Splitter, 1x4, 4K UHD, 4096 x 2160p Resolution, 4K Full HD, Full 3D, 4K2K Video

4K HDMI Splitter, 1x2

Experience your media content on up to two monitors, televisions or projectors simultaneously in 4K UHD resolution!

The DIGITUS® 4K HDMI Splitter 1x2 distributes the signal from your HDMI device to up to four monitors, televisions or projectors in 4K Ultra HD resolution. Fiddling with cables each time is a thing of the past. Both Full HD and Full 3D are supported, too. It provides the ideal solution for professional applications, such as video wall presentations or product launches (offices/business spaces, trade fair exhibits, display windows, waiting rooms, restaurants/café, etc.), as well as home entertainment systems. You can experience your content with sharp 4K UHD resolution, regardless of whether you display images, presentations, or even movies, videos and games, with the 4K HDMI Splitter 1x2.



- HDMI connections: 1 input, 2 outputs
- Supports Ultra HD (30Hz), 4096 x 2160 pixel resolution
- Supports 4K, Full HD, Full 3D, 4K2K video
- Supports HDTV, 4096 x 2160 pixel resolution
- EDID support: automatic input source detection
- Supports Deep Color, 30/36-bit
- Status LEDs (connection status)
- Complies with Standard HDMI / High Speed HDMI
- Supports compressed audio formats, e.g., DTS Digital, Dolby Digital (including DTS-HD and Dolby True HD)
- Supports standard audio, for example, DSD audio, HD (HBR) audio
- Cascades up to 3 splitters (max. 8 displays)
- Supports HDCP repeaters
- The integrated HDMI signal amplifier supports additional cable lengths of 5 m (Standard HDMI) and even up to 15 m (High Speed HDMI)
- Frequency range/data transmission rate: 25 MHz–340 MHz, up to 3.0 Gbps per channel
- Complies with HDCP Ver. 1.3
- Power supply unit input voltage: 5 V/1 A
- Ultra compact, dimensions: L 6.0 x W 7.0 x H 2.0 cm
- Weight: 135 g



366225 / DS-46304

4K HDMI Splitter, 1x2, 4K UHD, 4096 x 2160p Resolution, 4K Full HD, Full 3D, 4K2K Video

Mini HDMI Splitter, 2 Port

Simultaneous reproduction of HDMI image and sound on two displays

- 1 x HDMI input, 2 x HDMI outputs
- Resolutions: 480 p/i, 576 p/i, 720 p, 1080 p/i
- Bandwidth: 2.25 Gbps/225 MHz
- Supports compressed audio formats, for example, DTS Digital, Dolby Digital (including DTS-HD and Dolby TrueHD)
- Supports HDMI 1.3b
- CEC passthrough
- On/off switch
- Status LEDs (connection status)
- Includes 70-cm Mini-USB cable (power supply)
- Dimensions: 2 x 5.4 x 6 cm
- Weight: 42 grams
- Color: black


HDMI™
 HIGH-DEFINITION MULTIMEDIA INTERFACE

371601 / DS-42302
 Mini HDMI Splitter, 2 Port

HDMI Video Splitter, 2 Port/4 Port

The best choice for carrying and splitting the HDMI signal to more than one display

- Simultaneous display of one HDMI video signal on different output devices
- Easy to Use: Install in seconds, no need of setting
- Cascadeable: Large distribution achieved by cascading the HDMI Amplifier Splitter
- Highest supported video resolution 1080p
- Supports 3D all format, including 1080p@23.98/24Hz, 720p@59.94/60Hz/50Hz
- Bandwidth: 225 MHz/2.25Gbps per channel(6.75Gbps all channel)
- Supports 12bit per channel (36bit all channel) deep color
- Supports HDCP
- Supports uncompressed audio such as LPCM
- Supports compressed audio such as DTS Digital, Dolby Digital (including DTS-HD and Dolby True HD)
- Dimensions (LxWxH; Weight): 155x70x23mm; 260g


HDMI™
 HIGH-DEFINITION MULTIMEDIA INTERFACE

271536 / DS-41300
 HDMI Video Splitter, 2 Port

271543 / DS-42300
 HDMI Video Splitter, 4 Port

8 Port HDMI Video Splitter

The best choice for carrying and splitting the HDMI signal to more than one display

- Splits one HDMI video input signal to eight outputs
- Easy to install and simple to operate
- Supports HDMI High Speed
- Video resolution 1920x1080 pixel, supports 480i, 576i, 1080i, 480p, 576p, 720p, 1080p
- Support 3D all format, including 1080p@24Hz, 720p@60Hz/50Hz
- Bandwidth 225 MHz/2.25Gbps per channel(6.75Gbps all channel)
- Deep color 12bit per channel (36bit all channel)
- HDCP Support
- Supports uncompressed audio such as LPCM, DTS Digital, Dolby Digital (including DTS-HD and Dolby True HD)


HDMI™
 HIGH-DEFINITION MULTIMEDIA INTERFACE

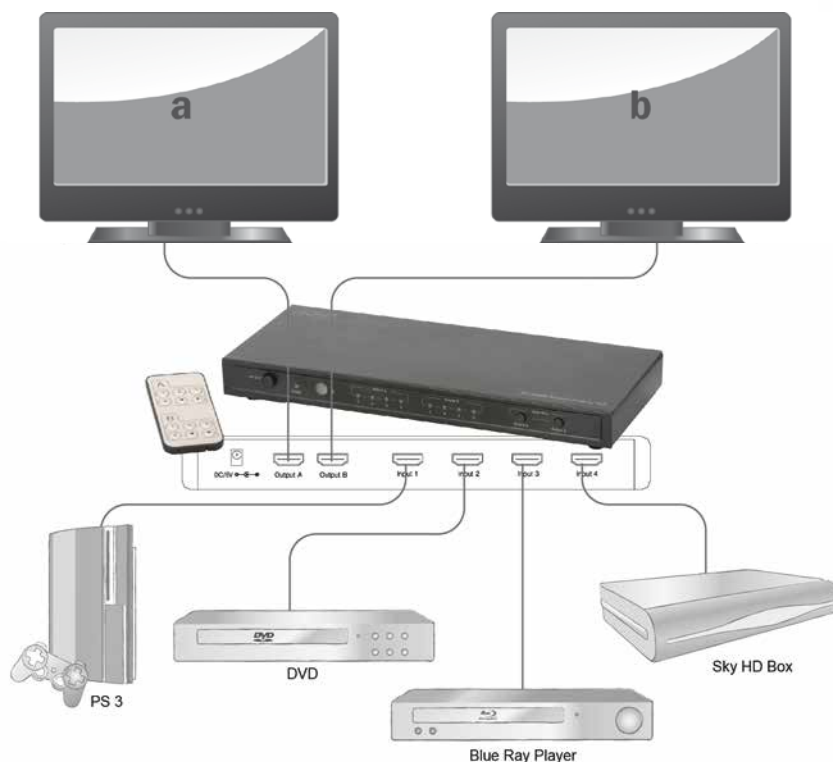
268987 / DS-43300
 8 Port HDMI Video Splitter

4K HDMI Matrix Switch, 4x2

Convenient switching between up to four HDMI and two playback devices without having to swap cables every time and share your media content, independently of each other, in 4K UHD resolution on up to two playback devices.

The DIGITUS® 4K HDMI Matrix Switch 4x2 distributes media content from up to four HDMI sources to up to two recording devices (for example, hard disk recorders) or playback devices (televisions, monitors, projectors), simultaneously and independently of each other. Switch comfortably between up to four HDMI sources and up to two playback devices (televisions, monitors, projectors), independently of each other and without having to swap cables, by remote control. Experience media content in super high resolution, thanks to 4K Ultra High Definition support. Both Full HD and Full 3D are supported. The perfect, complete HDMI distribution solution for both professional and home entertainment use.

- HDMI connections: 4 inputs, 2 outputs
- Supports Ultra HD (30Hz), 4096 x 2160 pixel resolution
- Supports 4K, Full HD, Full 3D, 4K2K video
- Supports HDTV, 4096 x 2160 pixel resolution
- EDID support: automatic input source detection
- Supports Deep Color: 12 bits per channel, in total 36 bits
- Status LEDs (connection status)
- Complies with Standard HDMI / High Speed HDMI
- Supports digital audio: Stereo Toslink, Coaxial
- Supports compressed audio formats, e.g., DTS Digital, Dolby Digital (including DTS-HD and Dolby True HD)
- Supports standard audio, for example, DSD audio, HD (HBR) audio
- Complies with HDCP Ver. 1.3
- Supports HDCP repeaters
- Frequency range/data transmission rate: 25 MHz–340 MHz, up to 3.4 Gbps per channel
- Includes remote control
- Power supply unit (5V/2A)
- Dimensions: L 12.0 x W 27.0 x H 3.2 cm
- Weight: 773g
- Color: black



366775 / DS-50304

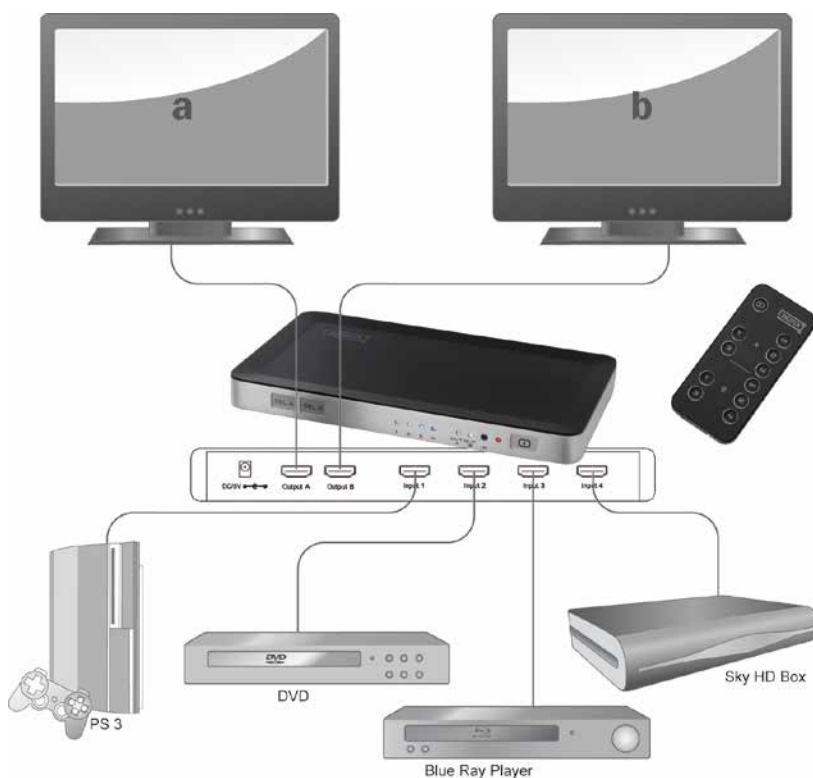
4K HDMI Matrix Switch 4x2, 4K UHD, 4096 x 2160p Resolution, 4K Full HD, Full 3D, 4K2K Video

HDMI Matrix Switch, 4 x 2 Port

The convenient and complete HDMI distributing solution for Home Entertainment

This HDMI Matrix Switch combines the advantages of an ordinary HDMI switch and a HDMI splitter. It routes one or two HDMI video signals from four available inputs to one or two selectable HDMI displays. This offers highest versatility for all integrated systems. All inputs are adapted for high definition video sources like HD-DVD, receivers, set-top boxes, game consoles, etc.

- Switch easily between any of up to four HDMI sources
- Distributes any of the four inputs to any or any combination of the two HDMI output displays
- Multi-switching methods: intelligent automatic, IR remote control or by touch button
- Highest supported video resolution 1080p
- Compatible to High Speed HDMI
- Bandwidth: 225 MHz/2.25Gbps per channel(6.75Gbps all channel)
- Supports 12bit per channel (36bit all channel) deep color
- Supports HDCP
- Supports uncompressed audio such as LPCM
- Supports compressed audio such as DTS Digital, Dolby Digital (including DTS-HD and Dolby True HD)
- Dimensions (DxWxH; Weight): 128x220x25mm; 350g



Automatic HDMI Switch, 2 Port

Enables automatic switching between two HDMI signal sources on one television set

- 2 HDMI inputs, 1 HDMI output
- Supported resolutions: 480 p/i, 576 p/i, 720 p, 1080 p/i
- Video bandwidth: 2.5 Gbps/ 250 MHz
- Supports 3D
- HDCP passthrough
- CEC passthrough
- Status LEDs (connection status)
- Dimensions: 5.1 x 5.1 x 1.5 cm
- Weight: 30 g
- Color: black



HDMI™
HIGH-DEFINITION MULTIMEDIA INTERFACE

374923 / DS-45302
Automatic HDMI Switch, 2 Port

HDMI Switch, 3 Port

Convenient switching between different HDMI sources without cable clutter

- Select one HDMI video source out of several different to display it on one display
- Multi-switching methods: intelligent automatic, IR remote control or by touch button
- IR remote control included
- Highest supported video resolution 1080p
- Bandwidth: 250 MHz/2.5Gbps per channel (7.5Gbps all channel)
- Supports 12bit per channel (36bit all channel) deep color
- Supports 3D all format, including 1080p@23.98/24Hz, 720p@59.94/60Hz/50Hz
- Supports HDCP
- Supports uncompressed audio such as LPCM
- Supports compressed audio such as DTS Digital, Dolby Digital (including DTS-HD and Dolby True HD)
- Dimensions (LxWxH; Weight): 80x58x18mm; 55g



HDMI™
HIGH-DEFINITION MULTIMEDIA INTERFACE

271550 / DS-44300
HDMI Switch, 3 Port

271567 / DS-45300
HDMI Switch, 5 Port

4K HDMI Switch, 5x1

Switch comfortably between up to five HDMI devices, without having to swap cables every time, and experience your media content in 4K UHD resolution!

The DIGITUS® 4K HDMI Switch 5x1 enables comfortable switching between five HDMI input sources (DVD/Blu-Ray players, video game consoles, streaming boxes) via remote control, using intelligent automatic detection or by using a button on the switch itself. Fiddling with cables each time is now in the past. Experience media content in super high resolution, thanks to 4K Ultra High Definition support. The integrated HDMI signal amplifier supports additional cable lengths of 5 m (Standard HDMI) and even up to 15 m (High Speed HDMI).

- HDMI connections: 5 inputs, 1 output
- Supports Ultra HD (30Hz), 4096 x 2160 pixel resolution
- Supports 4K, Full HD, Full 3D, 4K2K video
- Supports HDTV, 4096 x 2160 pixel resolution
- EDID support: automatic input source detection
- Supports Deep Color: 16 bits per channel, in total 48 bits
- Status LEDs (connection status)
- Complies with Standard HDMI / High Speed HDMI
- Supports compressed audio formats, e.g., DTS Digital, Dolby Digital (including DTS-HD and Dolby True HD)
- Supports Standard audio, DSD audio, HD (HBR) audio
- Complies with HDCP Ver. 1.3
- Supports HDCP repeaters
- The integrated HDMI signal amplifier supports additional cable lengths of 5 m (Standard HDMI) and even up to 15 m (High Speed HDMI)
- Frequency range/data transmission rate: 25 MHz–340 MHz, up to 3.4 Gbps per channel
- Includes remote control
- Power supply unit (5V/2A)
- Dimensions: L 7.5 x W 15.5 x H 2.5 cm
- Weight: 255g
- Color: black



Ultra HD
4K / 2160p

HDMI
HIGH-DEFINITION MULTIMEDIA INTERFACE

366256 / DS-49304

4K HDMI Switch 5x1, 4K UHD, 4096 x 2160p Resolution, 4K Full HD, Full 3D, 4K2K Video

4K HDMI Switch 3x1

Switch comfortably between up to three HDMI devices, without having to swap cables every time, and experience your media content in 4K UHD resolution!

The DIGITUS® 4K HDMI Switch 3x1 enables comfortable switching between three HDMI input sources (DVD/Blu-ray players, video game consoles, streaming boxes) via remote control, using intelligent automatic detection or by using a button on the switch itself. Fiddling with cables each time is now in the past. Experience media content in super high resolution, thanks to 4K Ultra High Definition support. The integrated HDMI signal amplifier supports additional cable lengths of 5 m (Standard HDMI) and even up to 15 m (High Speed HDMI).

- HDMI connections: 3 inputs, 1 output
- Supports Ultra HD (30Hz), 4096 x 2160 pixel resolution
- Supports 4K, Full HD, Full 3D, 4K2K video
- Supports HDTV, 4096 x 2160 pixel resolution
- EDID support: automatic input source detection
- Supports Deep Color: 16 bits per channel, in total 48 bits
- Status LEDs (connection status)
- Complies with Standard HDMI / High Speed HDMI
- Supports compressed audio formats, e.g., DTS Digital, Dolby Digital (including DTS-HD and Dolby True HD)
- Supports Standard audio, DSD audio, HD (HBR) audio
- Complies with HDCP Ver. 1.3
- Supports HDCP repeaters
- The integrated HDMI signal amplifier supports additional cable lengths of 5 m (Standard HDMI) and even up to 15 m (High Speed HDMI)
- Frequency range/data transmission rate: 25 MHz–340 MHz, up to 3.4 Gbps per channel
- Includes remote control
- Power supply unit (5V/2A)
- Dimensions: L 8.5 x W 9.5 x H 2.5 cm
- Weight: 190g
- Color: black



Ultra HD
4K / 2160p

HDMI
HIGH-DEFINITION MULTIMEDIA INTERFACE

366249 / DS-48304

4K HDMI Switch 3x1, 4K UHD, 4096 x 2160p Resolution, 4K Full HD, Full 3D, 4K2K Video

VIDEO EXTENSIONS

M = Meter / meters

HDMI		
DS-55900-1 (4K RESOLUTION)	30 M	
DS-55901	35 M	
DS-55100	50 M	
DS-55400 (4K RESOLUTION / PoE)	4K / 60 M	100 M
DS-55200 (IP BASED)		100 M
DS-55120		120 M
VGA		
DS-53900-1	65 M	
DS-53200 (IP BASED)		100 M
DS-53400		300 M
DS-53420 (EXTENDER / 2-PORT SPLITTER)		300 M
DS-53440 (EXTENDER / 4-PORT SPLITTER)		300 M
DVI		
DS-54901	50 M	
DS-54101	70 M	

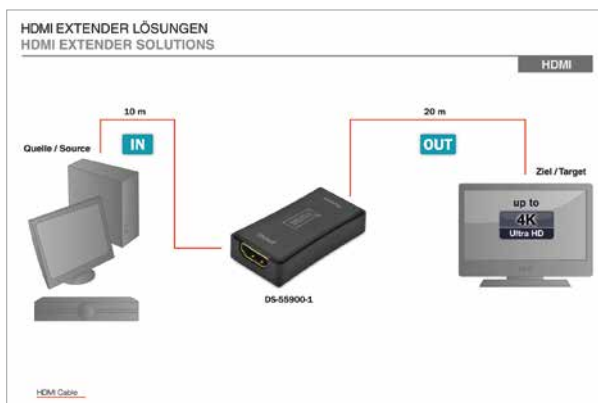
4K HDMI Repeater

Extends HDMI signals by up to 30 m

Do you want to extend your HDMI signal without compromising quality? This is where the HDMI booster comes into its own. HDMI boosters enable HDMI devices to be connected to each other over longer distances. The DIGITUS® HDMI Repeater extends your HDMI signal to up to 30 meters and supports brilliant 4K resolutions for excellent image quality. Furthermore, the compact housing enables you to place the booster anywhere. Moreover, the HDMI booster does not require an external power supply.



- HDMI booster for up to 30 m
- Extends HDMI signals without any loss in quality and transmission
- Supports 4K resolutions for excellent image quality
- Small, compact housing – can be discreetly placed anywhere
- No external power supply required
- Video resolution up to 4K (4K2K@24Hz)
- Supports 3D
- Bandwidth: 3.4 Gbps (10.2 Gbps in total)
- Color depth: up to 16-bit at a resolution of 1080 pixels
- Color: black



Ultra HD
4K / 2160p

HDMI
HIGH-DEFINITION MULTIMEDIA INTERFACE

370871 / DS-55900-1
HDMI 4K Repeater

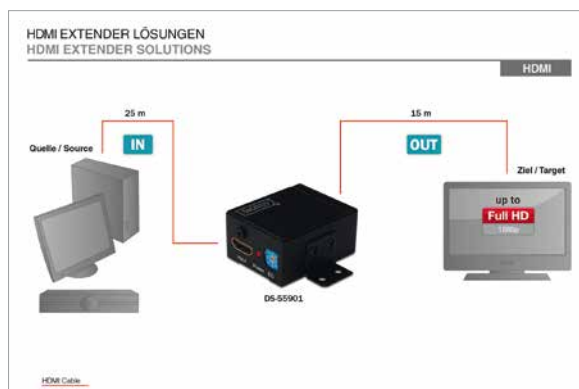
Full HD HDMI Repeater

Extends the HDMI signals up to 35 m - ideal for HDMI signal distribution and digital signage

Extends the max. length of HDMI cable up to 35 m by regenerating the HDMI signal before it sends the outputs to the HDMI monitor or projector. Furthermore according to the length of HDMI cable the special designed EQ can be adjusted to reach the best transmission function.



- HDMI High Speed Repeater for up to 35 m
- Video resolution up to 1080p
- Supports 3D all format, including 1080p@23.98/24Hz, 720p@59.94/60Hz/50Hz
- Bandwidth 225 MHz/2.25Gbps per channel (6.75Gbps all channel)
- Deep color 12bit per channel (36bit all channel)
- HDCP pass through
- Supports uncompressed audio such as LPCM, DTS Digital, Dolby Digital (including DTS-HD and Dolby True HD)
- 8 levels of equalization settable by turning EQ from 0 to 7, so that support different length of HDMI cable between 1 m to 35 m



Full HD
1080p

HDMI
HIGH-DEFINITION MULTIMEDIA INTERFACE

269014 / DS-55901
Full HD HDMI Repeater

HDMI Video Extender (Set)

Easy and convenient distribution for HDMI signals - Place your displays wherever you want without HDMI cable limitations

Extends the max. length of HDMI cable up to 50M by using a simple network cable between a transmitter and a receiver unit.

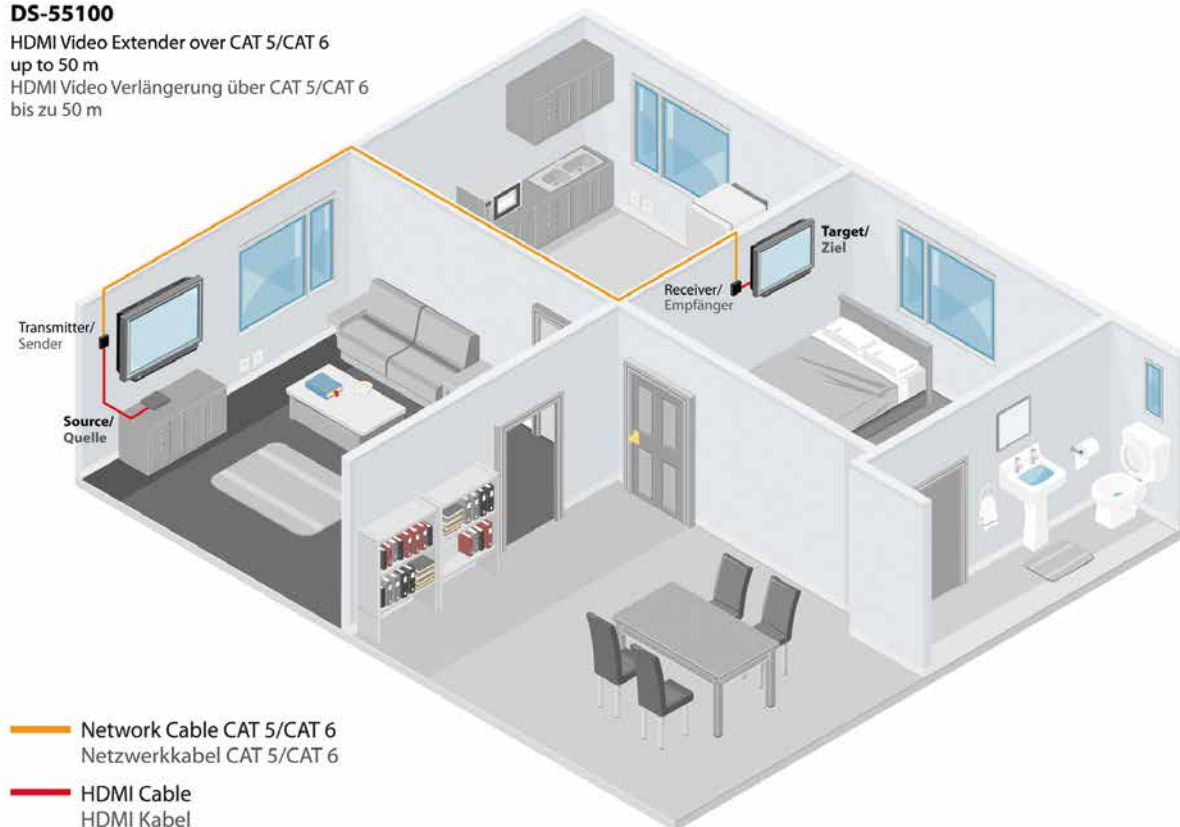
- CAT 5 / IP HDMI extender consisting of transmitter and receiver unit
- Video resolution up to 1080p
- Supports 3D
- For extension up to 50 meter
- Follow the standard of IEEE-568B
- Bandwidth 165 MHz/1.65 Gbps per channel (4.95 Gbps all channel)
- Deep color 8bit per channel (24bit all channel)
- HDCP pass through
- Auto-adjustment of feedback, equalization and amplify
- Support uncompressed audio such as LPCM



DS-55100

HDMI Video Extender over CAT 5/CAT 6
up to 50 m

HDMI Video Verlängerung über CAT 5/CAT 6
bis zu 50 m



Full HD
1080p

HDMI™
HIGH-DEFINITION MULTIMEDIA INTERFACE

HDMI Video Extender over CAT 5 / IP

The DIGITUS® HDMI over CAT 5 Extender (DS-55120) is a powerful video distribution system for extending HDMI signals. With the system you are able to extend the max. length of the HDMI cable up to 120 m by using a network cable between the transmitter and receiver units (point-to-point connection). In conjunction with a simple network switch and the additional receiver units (DS-55121) you can easily show your video content up to 253 locations via the existing network up to 100 meters (over IP connection). Further the integrated bi-directional IR interfaces enables you to control the input source with a remote control.

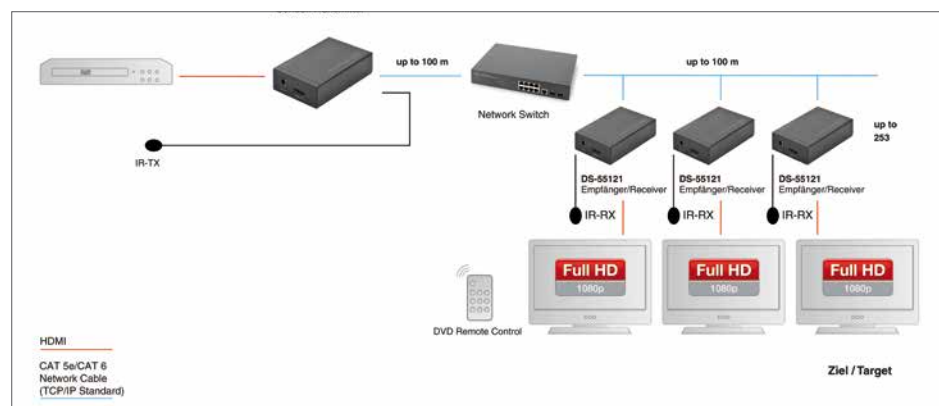
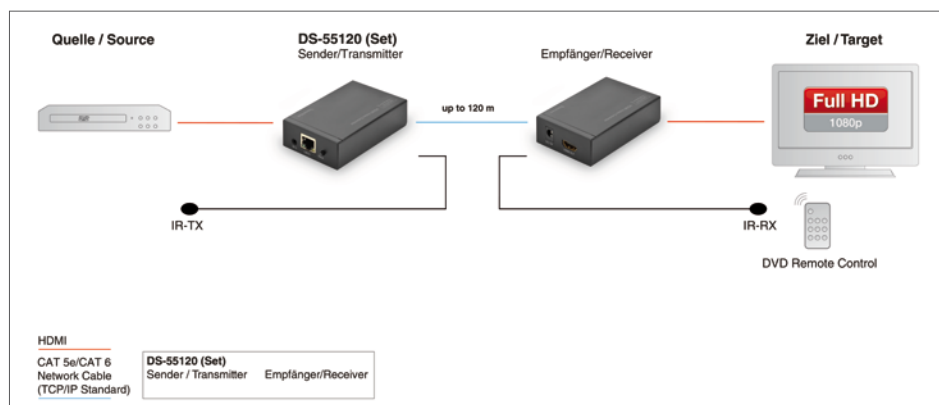
- CAT 5 / IP HDMI extender consisting of transmitter and receiver unit
- For extension up to 120 meter (1 to 1 connection)
- Display your video content up to 253 screens by using additional receiver units and your existing network infrastructure (over IP connection)
- Additional receiver units (DS-55121) available
- Video resolutions up to 1080p (Full HD)
- Integrated bidirectional IR-Interface - Easy control of the input source with a remote control
- Supports 3D
- Bandwidth 165 MHz/1.65 Gbps per channel (4.95 Gbps all channel)
- CAT 5e/6 - Follow the standard of IEEE-568B
- Operating temperature: 0 to 55°C

Option 1:

Extensions of the HDMI signal up to 120 m
(1 zu 1 Connection over CAT 5 Network Cable)

Option 2:

Distribute your video content on up to 253 Screens (over IP connection)



365815 / DS-55120
HDMI Video Extender, CAT 5 / IP

367529 / DS-55121
HDMI Video Extender over CAT 5 / IP, Receiver Unit

HDMI HDBaseT Video Extender with PoE and 4K Function

The DIGITUS® HDMI Video Extender transmits digital video and audio signals up to 330 feet (100 meters) using one CAT5e/6 cable. Each video extender consists of a local unit that connects to an HDMI source and optional IR Transmitter, and a remote unit that connects to an HDMI display and optional IR receiver. It also provides POE function that you only need one power adapter at the end of the transmitter to supply the power both the end of the transmitter and receiver.

- Extends the max. length of HDMI cable up to 100M by using a simple network cable between a transmitter and a receiver unit.
- CAT 5 / IP HDMI extender consisting of transmitter and receiver unit
- Extend a 4K video content up to 60 meters
- Supports resolutions up to 4K
- Extend uncompressed video signals up to 100 meter - without data loss
- For extension up to 100 meter
- Support PoE Function - no power supply needed for the receiver unit
- Optional support for Infrared Remote (IR) control
- Deep color 12bit per channel (36bit all channel)
- Bandwidth 340 MHz/3.4Gbps per channel (10.2Gbps all channel)
- HDCP pass through
- 3D pass through
- CEC pass through
- Support uncompressed audio such as LPCM
- Support compressed audio such as DTS Digital, Dolby Digital (including DTS-HD and Dolby True HD)
- Powered from a single power supply
- Follow the standard of IEEE-568B



IP Extender Solutions

The DIGITUS® IP-Extender are powerful video distribution systems, consisting of a transmitter and a receiver unit. With these systems you enlarge the range of your video signals up to 100 meters. In conjunction with the HDMI over IP Extender (DS-55200), the VGA over IP Extender (DS-53200) and the Display Port over IP Extender (DS-56200) the systems are particularly well suited for mixed environments. Due to the many possible combinations of inputs and outputs of different sources (VGA, HDMI, DisplayPort) with the connectors of various display devices (VGA, HDMI, DisplayPort), this system provides optimal adaptation possibilities for the present conditions. With the use of CAT 5/6/7 cables you flexibly and cost-effectively build a point-to-point connection or a connection via the existing network. Distribute content easily within the building and also across the building.

- Transmitter / Receiver Sets
- Extend optional HDMI, VGA or DisplayPort Videosignals over CAT 5 or an existing network infrastructure
- Mixed operation with HDMI / VGA / DisplayPort receivers possible
- Each pair (transmitter & receiver) extends the signal up to 100 m (330 feet)
- Supports 1080p Full HD
- Supports stereo 2.0
- Cascade-chainable receiver up to 10 layers
- Console connection (RS-232 port) for remote management
- Optional support for Infrared Remote (IR) control
- Integrated network switch for the distribution



The application range starts from small installations in small trades over the networking of event spaces up to large installations as used in railway stations or airports.



Product Number Information IP Extender Solutions

Transmitter / Receiver Sets

Product Number	EAN Code	Interface
DS-55200	4016032353768	HDMI
DS-53200	4016032353614	VGA
DS-56200	4016032353812	DisplayPort

Compatible receiver units for expansion

Product Number	EAN Code	Interface
DS-55201	4016032353775	HDMI
DS-53201	4016032353751	VGA
DS-56201	4016032353829	DisplayPort

HDMI over IP Extender (Set)

Easy and convenient distribution for HDMI signals - Place your displays wherever you want without HDMI cable limitations

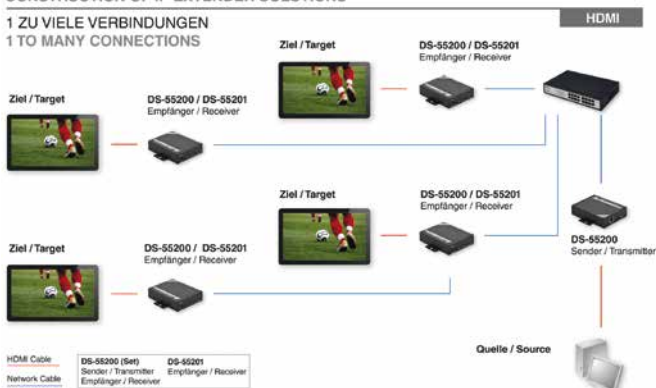
The DIGITUS® HDMI over IP Extender (DS-55200) is a powerful video distribution system, consisting of a transmitter and a receiver unit. With this system you enlarge the range of your video signals up to 100 meters. In conjunction with the VGA over IP Extender (DS-53200) and the Display Port over IP Extender (DS-56200) the system is particularly well suited for mixed environments. Due to the many possible combinations of inputs and outputs of different sources (VGA, HDMI, DisplayPort) with the connectors of various display devices (VGA, HDMI, DisplayPort), this system provides optimal adaptation possibilities for the present conditions. With the use of CAT 5/6/7 cables you flexibly and cost-effectively build a point-to-point connection or a connection via the existing network. Distribute content easily within the building and also across the building. The application range starts from small installations in small trades over the networking of event spaces up to large installations as used in railway stations or airports.

- HDMI transmitter / receiver set
- Easy installation with inexpensive Cat.5/6 cables
- Network infrastructure used for signal transmission
- Each pair (transmitter & receiver) extends the signal up to 100 m (330 feet)
- Supports 1080p Full HD
- HDTV compatible (720p, 1080i, 1080p)
- Supports stereo 2.0
- Cascade-chainable receiver up to 10 layers
- Console connection (RS-232 port) for remote management
- Optional support for Infrared Remote (IR) control
- HDMI interface for local live view
- Rack mountable
- Dimensions (L x W x H): 115 x 91 x 28 mm
- Weight: 340 g (transmitter), 380 g (receiver)
- Operating temperature: 0 to 50 °C



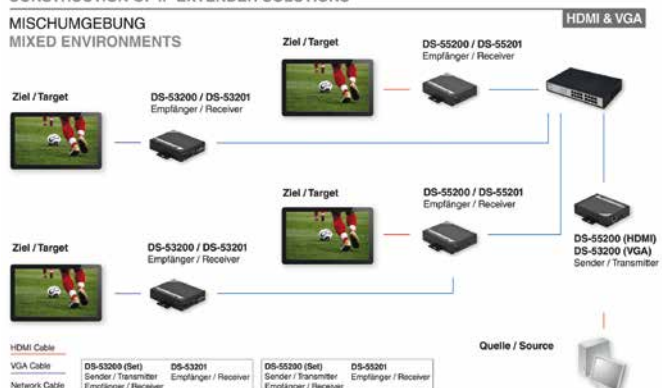
AUFBAU IP EXTENDER LÖSUNGEN CONSTRUCTION OF IP EXTENDER SOLUTIONS

1 ZU VIELE VERBINDUNGEN 1 TO MANY CONNECTIONS



AUFBAU IP EXTENDER LÖSUNGEN CONSTRUCTION OF IP EXTENDER SOLUTIONS

MISCHUMGEBUNG MIXED ENVIRONMENTS



353768 / DS-55200
HDMI over IP Extender (Set)

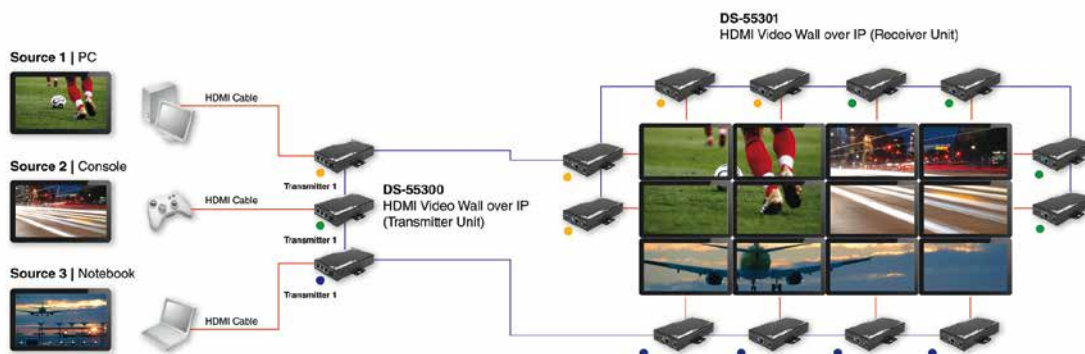
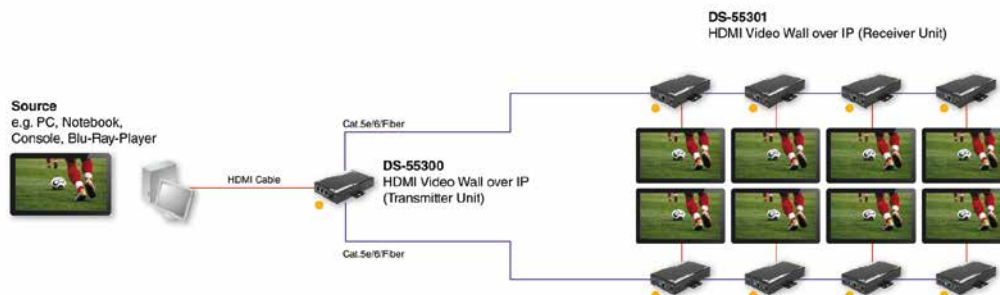
353775 / DS-55201
HDMI over IP Extender (Receiver)

HDMI Video Wall over IP

Economical set up Video Wall solution without having to invest in expensive video wall systems.

The DIGITUS® HDMI over IP Video Wall transmitter unit DS-55300 is used in conjunction with the HDMI over IP Video Wall Receiver Unit DS-55301 for economical setup a video wall solution, without having to invest in expensive video wall systems. With the transmitter unit DS-55300, you distribute a present content to up to 8x8 displays. About the Group ID setting you also define, which display is to be supplied with what content. Thus, the use of this video wall solution is flexible and customized. The integrated fiber optic interface connections of up to 30 km between transmitter and receiver can be implemented. Over the integrated Web Interface, the video wall can be conveniently and easily configured. With this solution, content can also be distributed flexibly in a building or also across the building. Applications range from small installations in small businesses across installations in event areas, cinemas, stations, to large installations such as in safety equipment, traffic control and airports.

- Video Wall transmitter
- Network infrastructure used for signal transmission
- Supports 1080p Full HD
- Automatic Display mode detection
- Supports Interlaced and Progressive Display mode
- Supports DDC, DDC2, and DDC2B.
- Bandwidth: 60 ~ 80Mbps
- HDCP compliant
- Supports default EDID and selected EDID modes
- Uncompressed audio stream transmission and receiving
- Supports High Definition Audio (HD), 5.1/6.1/7.1 Surround Sound
- Maße (H x W x D) 145 x 110 x 28 mm
- Weight: 373 g
- Operating temperature: 0 to 50 °C



353836 / DS-55300
HDMI Video Wall over IP, Transmitter Unit

353850 / DS-55301
HDMI Video Wall over IP, Receiver Unit

VGA Repeater, 65 m

Boost a video signal in a way that the transmission is possible up to a distance of 65 m.

- VGA line amplifier, up to 65 m
- Maximum resolution 1920x1440 pixels at 60Hz
- Video bandwidth 300 MHz
- DDC, DDCB, DDC2B support
- Cascadable
- Video IN: HDSUB15/Male
- Video OUT: HDSUB15/Female
- Incl. power supply
- Dimensions (LxWxH; Weight): 97x56x26mm; 80g



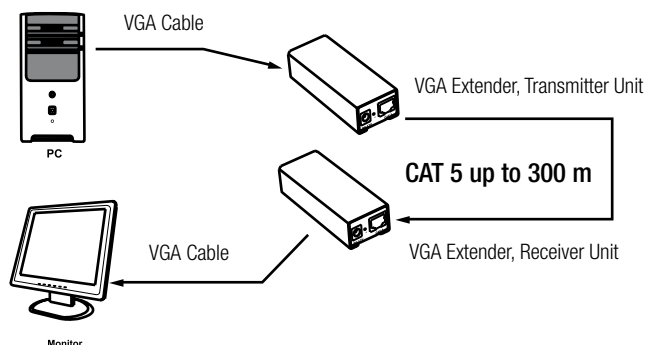
285366 / DS-53900-1
VGA Repeater, 65 m

VGA UTP Extender Set

Easy and convenient distribution for VGA signals up to 300 m - Place your displays wherever you want without VGA cable limitations.

Extends the max. length of a VGA signal up to 300 m by using a simple UTP cable between the transmitter and receiver unit.

- CAT 5 VGA extender consisting of transmitter and receiver unit
- High resolution possible up to 1920 x 1200 pixels
- Supports stereo audio extension
- Dimensions (L x W x H): 110 mm x 75 mm x 25 mm
- Weight: 213 g (transmitter), 208 g (receiver)
- Operating temperature: 0 °C ~ 70 °C
- Operating humidity: 10 % ~ 85 % (non-condensing)
- Power input: 5 V @ 1 A, max 5 W



Full HD
1080p

356721 / DS-53400
VGA UTP Extender Set

VGA UTP Extender 2/4 Port, Transmitter Unit

Easy and convenient distribution for VGA signals up to 300 m - Place your displays wherever you want without VGA cable limitations.

Extends the max. length of a VGA signal up to 300 m by using a simple UTP cable between the transmitter and receiver unit.

- Cable lengths up to 300 m with CAT5 UTP cables (when using CAT5 Reach)
- Supports stereo audio extension
- Extender & splitter function, 2 UTP outputs
- High resolution possible up to 1920 x 1200 pixels
- Dimensions (L x W x H): 154 x 69 x 23 mm
- Operating temperature: 0 °C ~ 70 °C
- Operating humidity: 10 % ~ 85 % (non-condensing)
- Power input: 5 V @ 2 A, max. 10 W



Required Receiver Unit DS-53450

Full HD

1080p

361961 / DS-53420
2 Port VGA UTP Extender

361978 / DS-53440
4 Port VGA UTP Extender

VGA UTP Extender, Receiver Unit

Easy and convenient distribution for VGA signals up to 300 m - Place your displays wherever you want without VGA cable limitations.

Extends the max. length of a VGA signal up to 300 m by using a simple UTP cable between the transmitter and receiver unit.

- Cable lengths up to 300 m with CAT5 UTP cables (when using CAT5 Reach)
- Supports stereo audio extension
- High resolution possible up to 1920 x 1200 pixels
- Dimensions (L x W x H): 110 x 75 x 25 mm
- Operating temperature: 0 °C ~ 70 °C
- Operating humidity: 10 % ~ 85 % (non-condensing)
- Power input: 5 V @ 2 A, max. 5 W



Full HD

1080p

361985 / DS-53450
VGA UTP Extender, Receiver Unit

VGA over IP Extender (Set)

Easy and convenient distribution for VGA signals - Place your displays wherever you want without VGA cable limitations

The DIGITUS® VGA over IP Extender (DS-53200) is a powerful video distribution system, consisting of a transmitter and a receiver unit, which transmits your video signals up to 100 meters. In conjunction with the HDMI over IP Extender (DS-55200) and the Display Port over IP Extender (DS-56200) the system is the ideal solution for mixed environments. Take advantage of the many possible combinations of inputs and outputs of different sources (VGA, HDMI, DisplayPort) to connect with different display devices (VGA, HDMI, DisplayPort) and optimally adjust the system to your needs. The construction of a point-to-point connection or a connection via the existing network infrastructure takes place flexibly and cost-effectively over CAT 5/6/7 cable. Distribute contents flexible with this solution inside a building or also across buildings. The application range starts from small installations in small trades over the networking of event spaces up to large installations as used in railway stations or airports.

- VGA transmitter / receiver set
- Easy installation with inexpensive Cat.5/6 cables
- Network infrastructure used for signal transmission
- Mixed environment with HDMI / DisplayPort transmitter / receiver
- Each pair (transmitter & receiver) extends the signal up to 100 m (330 feet)
- Supports 1080p Full HD
- HDTV compatible (720p, 1080i, 1080p)
- Supports stereo 2.0
- Cascade-chainable receiver up to 10 layers
- Console connection (RS-232 port) for remote management
- Optional support for Infrared Remote (IR) control
- VGA interface for local live view
- Rack mountable
- Dimensions (L x W x H): 115 x 91 x 28 mm
- Weight: 340 g (transmitter), 380 g (receiver)
- Operating temperature: 0 to 50 °C



AUFBAU IP EXTENDER LÖSUNGEN CONSTRUCTION OF IP EXTENDER SOLUTIONS

1 ZU 1 VERBINDUNG 1 TO 1 CONNECTION



MISCHUMGEBUNG MIXED ENVIRONMENTS



Full HD
1080p

353614 / DS-53200
VGA over IP Extender (Set)

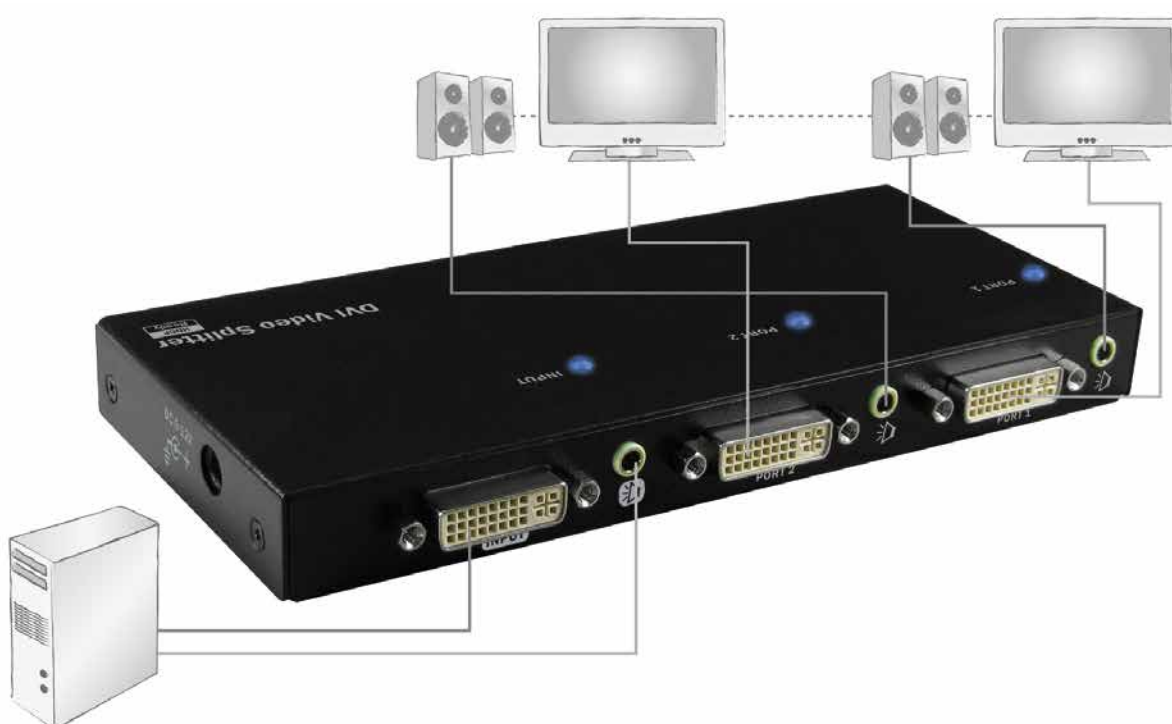
353751 / DS-53201
VGA over IP Extender (Receiver)

DVI Video/Audio Splitter

Supports max. resolution up to 1920x1200 pixels

With a DVI video/audio splitter it is possible to display a signal from a DVI video source on several monitors/speakers.

- DVI video/audio splitter, 2 Port
- Supports max. resolution up to 1920x1200 pixels and Full HD 1080p
- Automatic power-save when Video input is lost
- Crisp clear video images
- LED indicators for signal activity monitoring
- Support EDID, HDCP and is Blu-ray ready
- Cascadable
- Input and Output connections: DVI-Female
- Dimension (DxWxH; Weight): 20x180x85mm; 600g



Full HD
1080p

286356 / DS-41211
DVI Video/Audio Splitter, 2 Port

286363 / DS-42211
DVI Video/Audio Splitter, 4 Port

286370 / DS-43211
DVI Video/Audio Splitter, 8 Port

DVI Repeater, 50 m

Boosts your DVI video signal up to a distance of 50 m

The compact DVI repeater extends the possible transmission distance of any DVI-D signal up to a length of 50 m to reach projectors or monitors. It automatically equalizes and compensates cables losses.

- DVI line amplifier extends digital video up to 50 meters
- Maintains multiple high definition resolutions up to 1080p or 1920 x 1200 for computers
- Video bandwidth 1.65Gbps/165 MHz
- INPUT/OUTPUT connector: DVI-D female
- Easy to use, just Plug and Play



285687 / DS-54901

DVI Repeater, 50 m

DVI Extender over CAT 5, 70 m

Extension of DVI signal up to 70 meter

The DVI CAT5 extender extends your PC DVI transmission distance up to 70 meters through a simple Cat5 cable. The possible resolutions depend on the extended distance.

- DVI-D extension over Cat5 cable
- Supports max. resolution up to 1920x1200 pixels at a distance of 50m
- Supports max. distance up to 70m at a resolution of 800x600 pixels
- No external power supply needed



285694 / DS-54101

DVI Extender over CAT 5, Single Port

Multimedia DVI/Audio to HDMI Converter

Combines digital video (DVI) and analog audio into one HDMI signal

Converts DVI and analog audio input into HDMI and allows users to enjoy and to seamlessly integrate their image into the modern home theaters by meeting the ideal image of the HDMI HDTV. The conversion is along with the stereo audio. It offers solutions for digital entertainment center, HDTV, STB, DVD, Projectors and many more.

- Converts DVI video and R/L audio into complete HDMI
- Video resolutions up to 1080p
- Bandwidth 225 MHz/2.25Gbps per channel (6.75Gbps all channel)
- Deep color 12bit per channel (36bit all channel)
- HDCP 1.2 compatible
- Dimensions (LxWxH; Weight): 88x68x25.5mm; 68g



HDMI™
HIGH-DEFINITION MULTIMEDIA INTERFACE

287346 / DS-40230

Multimedia DVI/Audio to HDMI Converter

DisplayPort to HDMI Splitter (1x2)

Output one DisplayPort signal to two HDMI monitors simultaneously

- DisplayPort 1.2a compatible
- Resolution: up to 4K Ultra HD, 4096 x 2160p resolution
- Supports Deep Color, 16 bit
- HDMI bandwidth: 3 Gbps per channel
- Supports digital audio transmission
- Supports HDCP 1.3
- Supports 7.1 channel audio
- Compact housing – can be discreetly placed anyway
- Low power consumption (standby mode: 25 mW)
- MST (Multi-Stream Transport) support – display different content on each of the two HDMI monitors
- Compatible with all commonly used DisplayPort cables
- Power supply unit input voltage: 5V / 2A



374923 / DS-45400
DisplayPort to HDMI Splitter (1x2)

DisplayPort to DisplayPort Splitter (1x2)

Distributes one DisplayPort signal to two outputs

- DisplayPort 1.2a compatible
- Compatible with all commonly used DisplayPort cables
- Resolution: up to 4K Ultra HD, 4096 x 2160p resolution
- MST (Multi-Stream Transport) support – display different content on each of the two HDMI monitors
- DisplayPort bandwidth: 5.4 Gbps per channel
- Supports 7.1 channel audio
- Supports HDCP 1.3
- Supports Deep Color, 16 bit
- Compact housing – can be discreetly placed anyway
- Low power consumption (standby mode: 25 mW)
- Power supply unit input voltage: 5V / 2A



374978 / DS-45401
DisplayPort to DisplayPort Splitter (1x2)

DisplayPort over IP Extender (SET)

Easy and convenient distribution for DisplayPort signals - Place your displays wherever you want without DisplayPort cable limitations.

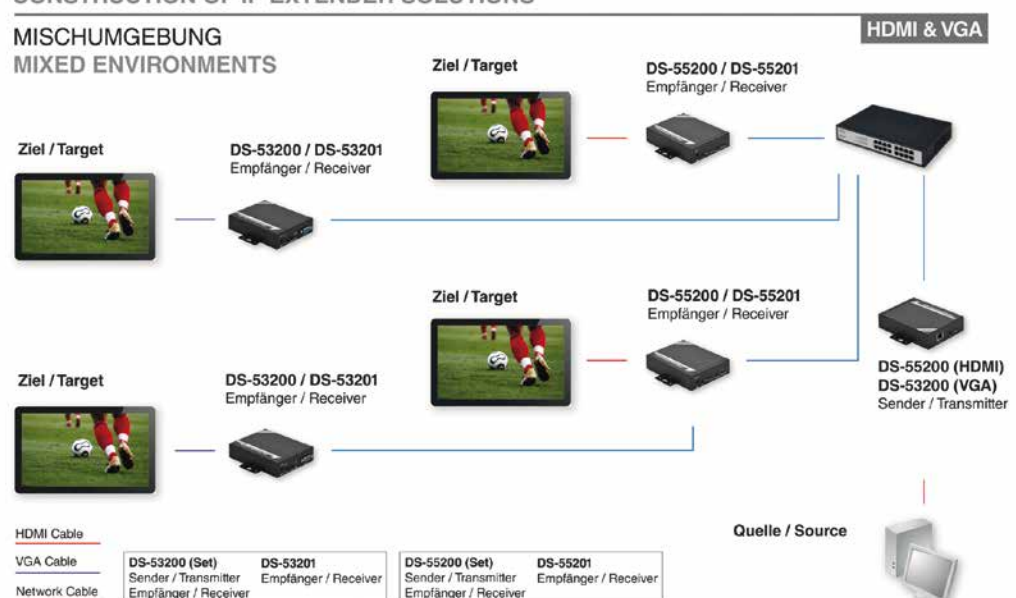
The DIGITUS® Display Port over IP Extender (DS-56200) is a powerful video distribution system, consisting of a transmitter and a receiver unit. With the DIGITUS® video distribution system you expand the reach of your video signals up to 100 meters. Connect the Display Port over IP Extender with the VGA over IP Extender (DS-53200) and the HDMI over IP Extender (DS-55200) and build up the system optimally adapted to your needs. In mixed environments, the use of this system is particularly appropriate. Thanks to the many possible combinations of inputs and outputs of different sources (VGA, HDMI, DisplayPort) with the connectors of various display devices (VGA, HDMI, DisplayPort) the distribution of the contents within the building or even across the building is simple and flexible feasible. By using CAT 5/6/7 cables you establish a cost-effective point-to-point connection or a connection to the existing network infrastructure. The insert of this system is versatile and can be found next to small installations in small businesses, in the networking of event spaces and even in large installations such as used in railway stations or airports.



- DisplayPort Extender, set
- Easy installation with inexpensive Cat.5/6 cables
- Network infrastructure used for signal transmission
- Each pair (transmitter & receiver) extends the signal up to 100 m (330 feet)
- Supports 1080p Full HD
- HDTV compatible (720p, 1080i, 1080p)
- Supports stereo 2.0
- Cascade-chainable receiver up to 10 layers
- Console connection (RS-232 port) for remote management
- Optional support for Infrared Remote (IR) control
- DisplayPort interface for local live view
- Rack mountable
- Dimensions (L x W x H): 115 x 91 x 28 mm
- Weight: 340 g (transmitter), 380 g (receiver)
- Operating temperature: 0 to 50 °C

AUFBAU IP EXTENDER LÖSUNGEN CONSTRUCTION OF IP EXTENDER SOLUTIONS

MISCHUMGEBUNG MIXED ENVIRONMENTS



Full HD
1080p

353812 / DS-56200
DisplayPort over IP Extender (Set)

353829 / DS-56201
DisplayPort over IP Extender (Receiver)

VGA to HDMI Converter incl. Audio Transmission

Converts a VGA signal to a HDMI video signal

The DIGITUS® DS-40131 converts your analog VGA signal to a digital HDMI signal. Thus enables you to connect your devices with just a VGA port, easily to a HDMI monitor, TV or video projector. The VGA input just transfer the video signal so the converter has an additional 3.5mm audio jack port. Any existing audio signal will be converted and integrated into the HDMI signal. This allows an extra audio playback through the HDMI signal.

- Converts video and audio signals from VGA to HDMI
- Connect your older devices with just a VGA port to TV's, displays or projectors
- No software or driver installation required
- Small compact housing
- Input: VGA + Stereo Audio
- Output: HDMI
- HDMI transfer rate: 6.75 Gbps
- Power supply: USB
- Bandwidth 225 MHz/ 1.65 Gbps per channel (6.75 Gbps total)
- The usable converter resolutions are depending on your device or graphic card
- Possible resolutions: 1920 x 1080 60 Hz, 1680 x 1050 60 Hz, 1600 x 1200 60 Hz, 1600 x 900 60Hz, 1366 x 768 60 Hz, 1360 x 768 60 Hz, 1280 x 1021 75 Hz, 1280 x 800 60 Hz, 1280 x 960 60 Hz, 1280 x 800 75 Hz, 1280 x 768 60 Hz, 1280 x 600 60 Hz, 1152 x 864 75 Hz, 1152 x 864 60 Hz, 1024 x 768 75 Hz, 1024 x 768 60 Hz, 800 x 600 75 Hz, 800 x 600 60 Hz, 640 x 480 75 Hz, 640 x 480 60 Hz
- Dimensions: 60.5 x 54 x 20.5 mm
- Weight: 42g



365686 / DS-40131

VGA to HDMI Converter incl. Audio Transmission (3.5 mm Jack)

365662 / DS-40130-1

VGA to HDMI Converter incl. Audio Transmission (RCA)

Full HD HDMI to VGA Converter incl. Audio Transmission

Converts a high-definition HDMI video signal to a VGA video signal

The DIGITUS® DS-40310-1 converts your digital HDMI signal to an analog VGA signal. Thus enables you to use modern players also with older VGA displays. The VGA input just transfer the video signal so the converter has an additional 3.5 mm audio jack port. Any existing audio signal will be converted as well. This allows an extra audio playback by connecting your speaker or your surround system.

- Converts video and audio signals from HDMI to VGA
- Use your modern devices with older VGA displays as well
- No software or driver installation required
- Small compact housing
- Input: HDMI
- Output: VGA + 3.5 mm Audio
- Power supply: USB
- Bandwidth 165 MHz/ 1.65 Gbps per channel (6.95 Gbps total)
- Possible HDMI resolutions: 480P 60 Hz, 720P 50/ 60 Hz, 1080P 60Hz, 800 x 600 60 Hz
- Possible VGA resolutions: 640 x 480 60 Hz, 1280 x 720 60 Hz, 1920 x 1080 60 Hz, 800 x 600 60 Hz, 1024 x 768 60 Hz
- Dimensions: 60.5 x 54 x 20.5 mm
- Weight: 42g



365679 / DS-40310-1

Full HD HDMI to VGA Converter incl. Audio Transmission (3.5 mm Jack)

Micro HDMI to VGA Converter

The DIGITUS® DA-70460 converts digital HDMI signals into analog VGA signals. Connect your devices with Micro-HDMI ports, such as tablets, Ultrabooks, or cameras, to a VGA monitor or projector and enjoy your images, videos, or presentations in large format. The converter is also equipped with a 3.5 mm audio jack. Any existing audio signal is converted in parallel. This enables additional audio playback by connecting your speakers or surround sound system.

- Input: Micro-HDMI and 3.5 mm audio
- Output: VGA
- Converts video signals from HDMI to VGA
- Connect your devices with Micro-HDMI ports to VGA monitors or projectors
- Offers you an ideal option for viewing your images, videos or presentations in large format
- VGA port compatible with all conventional monitors, projectors and LCD TVs
- Compatible with many common Ultrabooks with Micro-HDMI port
- Compatible with common tablets with Micro-HDMI port (Samsung, Google, Asus, etc.)
- Resolution of up to 1,080 pixels
- No software or driver installation required
- Compact size
- Color: Black
- Weight: 35 g
- Dimensions: 193 x 45 x 15 mm (L x W x H)

368014 / DA-70460
Micro-HDMI to VGA Converter



HDMI A to VGA Converter

The DIGITUS® DA-70461 converts digital HDMI signals into analog VGA signals. Modern playback devices, such as notebooks, Blu-ray players, DVD players, game consoles, etc., can be connected with older VGA monitors or projectors. The converter is also equipped with a 3.5 mm audio jack. Any existing audio signal is converted in parallel. This enables additional audio playback by connecting your speakers or surround sound system.

- Input: HDMI Type A and 3.5 mm audio
- Output: VGA
- Converts video and audio signals from HDMI to VGA
- Use modern devices with older analog VGA monitors
- No software or driver installation required
- VGA resolution: 10 bit resolution with up to 165 MHz pixel rate (1,080 pixels and UXGA)
- Compatible with HDMI 1.4a
- Color: Black
- Weight: 30 g
- Dimensions: 180 x 45 x 15 mm (L x W x H)

368007 / DA-70461
HDMI A to VGA Converter



HDMI Audio Extractor

With a Digitus HDMI audio extractor, you can split the audio signal from the HDMI signal and play it over your speakers, surround system, amplifier, or headphones – you get to decide which output device to use and receive the best sound quality each and every time. The integrated switch makes it possible to select between 2.1 channel via a 3.5-mm jack and 5.1 channel via Toslink. The integrated HDMI amplifier also enhances the video signal (Full HD up to 30 m, 4K up to 20 m). The extractor is powered via the HDMI cable and thus requires no separate power supply; power can also be supplied via the enclosed USB cable.

- Inputs: 1 x HDMI jack, 1 x USB as an optional power source
- Outputs: 1 x 3.5 mm audio jack, 1 x Toslink SPDIF
- Video resolutions of up to 4K at 30hz possible
- Supports CEC and HDCP
- Audio output (2.1 stereo) via HDMI or 3.5 mm jack
- Audio output (5.1 stereo) via Toslink SPDIF
- Integrated HDMI amplifier ensures signal conditioning/enhancement
- Compatible with all HDMI versions
- Maximum HDMI bandwidth: 300 MHz
- HDMI transfer rate: 3.0 Gbps



374084 / DS-40132
HDMI Audio Extractor



Strong brands under one roof – DIGITUS® & PLANET

The DIGITUS® Professional Portfolio has been present in the IT market for more than 20 years, with our national and international customers appreciating the quality, reliability and compatability of DIGITUS® products. While we serve the market for professional networking products in the low- to medium-price segments with our DIGITUS® Professional range, we also cover the market for high-end products with the PLANET range of products. Since 2010, we have been an official distributor for PLANET brand products. PLANET Technology Corporation is a leading, global provider of IP-based networking products and solutions for the professional networking field.

Everything from one source

With our DIGITUS® products and the PLANET brand portfolio, we are able to offer you an even more comprehensive portfolio of products in the field of current and increasingly popular networking technologies:

- Manageable switches
- Media Converters
- Industrial
- Power over Ethernet
- Professional wireless LAN solutions



Managed Switches



Industrial



Power over Ethernet



Professional Wireless LAN Solutions

Our extensive product range and further services can be found on our DIGITUS® Professional//PLANET Catalog or on our homepage:
www.digitus-professional.com



BlackRapid 100 Switch

Expand your home network - Adds up to five network devices like computers, printers, game consoles, hard disks, cameras, etc.

- Housing in DIGITUS® design
- IEEE 802.3 and IEEE 802.3u compatible
- 20/200Mbit full duplex
- Automatic speed and half/full duplex detection/configuration
- Store and forward architecture
- Auto MDI/MDI-X function
- Noiseless design - without fan
- External power supply



251729 / DN-50011

5 Port Fast Ethernet BlackRapid 100 Switch

251736 / DN-50021

8 Port Fast Ethernet BlackRapid 100 Switch

Gigabit Switch N-Way 5 Port // 8 Port

Best for quick and easy network expansion!

- 5-port 10/100/1000Mbps Gigabit Ethernet Switch
- Compliant to the network standards IEEE 802.3, IEEE 802.3u and IEEE 802.3ab
- Auto-negotiation for 10/100/1000 Mbps
- Auto-MDI/MDI-X for cable detection
- Advanced store-and-forward packet switching ensures an optimized data transfer
- Noiseless design - without fan
- External power supply



293453 / DN-80072

Gigabit Switch N-Way 5 Port

293446 / DN-80062

Gigabit Switch N-Way 8 Port

Fast Ethernet Switch N-Way 16/24 Port

Ideal for sharing workgroups with multiple high-speed servers!

- 16 RJ45 ports
- Up to 20/200 Mbps in Full Duplex Mode
- Compatible to the following standards: IEEE 802.3, 802.3u, 802.3az and 802.3x
- Very low power consumption due to the EEE (Energy Efficient Ethernet) Technology
- Automatic cable detection - auto MDI / MDI-X function
- 8K MAC addresses
- Auto-negotiation of full- and half-duplex
- Power, link/active, speed indicators for network status
- Shielded metal housing
- Noiseless design - without fan
- Built-in Power Supply
- Suitable for rack mount (incl. mounting bracket)
- 483 mm (19") rack mount kit included
- Operating system independent, supports e.g. Windows, Mac OS, Linux and Sun



Gigabit Ethernet 8/16/24 Port Switch, 2 SFP Ports

Highest bandwidth and performance for professional demands

The DIGITUS® Gigabit Ethernet 8/16/24 Port Switch is an unmanaged switch designed for the use in small offices/ home offices. Because of the Auto MDI/MDIX function of all ports the switch can be integrated into your network seamlessly. Low costs, easy-to-use and high performance are the strenghts of the DIGITUS® Gigabit Ethernet 8/16/24 Port Switch and make it a good choice for your network.

- 8/16/24 Port 10/100/1000BaseTX
- 2 SFP ports
- Compliant to the network standards IEEE 802.3, IEEE 802.3u, IEEE 802.3ab and IEEE 802.3x
- Provides non-blocking, non-head-of-line forwarding
- Supports back pressure and bandwidth control on each port
- Advanced store-and-forward packet switching ensures an optimized data transfer
- Automatic speed and half / full duplex recognition / adjustment
- 20 / 200 / 2000 Mbit in full duplex mode
- Auto MDI / MDI-X function
- Internal power supply
- Noiseless design - without fan
- Inclusive mounting accessories for rack installation



291954 / DN-80065

Gigabit Ethernet 8 Port Switch, 2 SFP Ports

293460 / DN-80100

Gigabit Ethernet 16 Port Switch, 2 SFP Ports

293477 / DN-80110

Gigabit Ethernet 24 Port Switch, 2 SFP Ports

Gigabit Ethernet Web Smart 8/16/24 Port Switch, 2 SFP-Ports

Highest bandwidth and performance for professional demands.
Superior manageability via Web!

The DIGITUS® Gigabit Ethernet Web Smart 8/12/24 Port Switch with 2 SFP ports is able to speed up old networks up to 1000 Mbps gigabit ethernet. As a web smart switch, port management, QoS settings, trunk settings etc. can be configured to your personal needs. This switch improves the performance and efficiency of your network and it can be integrated seamlessly.

- Web Smart Switch
- 8/16/24 RJ45 Ports
- 2 SFP ports
- Compatible to the following standards: IEEE 802.3, 802.3u, 802.3ab, 802.3z, 802.1Q and 802.3x
- Auto MDI / MDI-X function
- 8K MAC addresses
- QoS support
- Port mirroring for efficient network surveillance
- Port Trunk for bandwidth aggregation
- VLAN for performance and security
- 802.1x Port Authentication
- SNMPv1, network management
- Built-in Web-based management
- Noiseless design - without fan
- Suitable for rack mount (incl. mounting bracket)
- Operating system independent, supports e.g. Windows, Mac OS, Linux and Sun
- IGMP Query mode for multicast media application



291930 / DN-80201

Gigabit Ethernet Web Smart 8 Port Switch, 2 SFP Ports

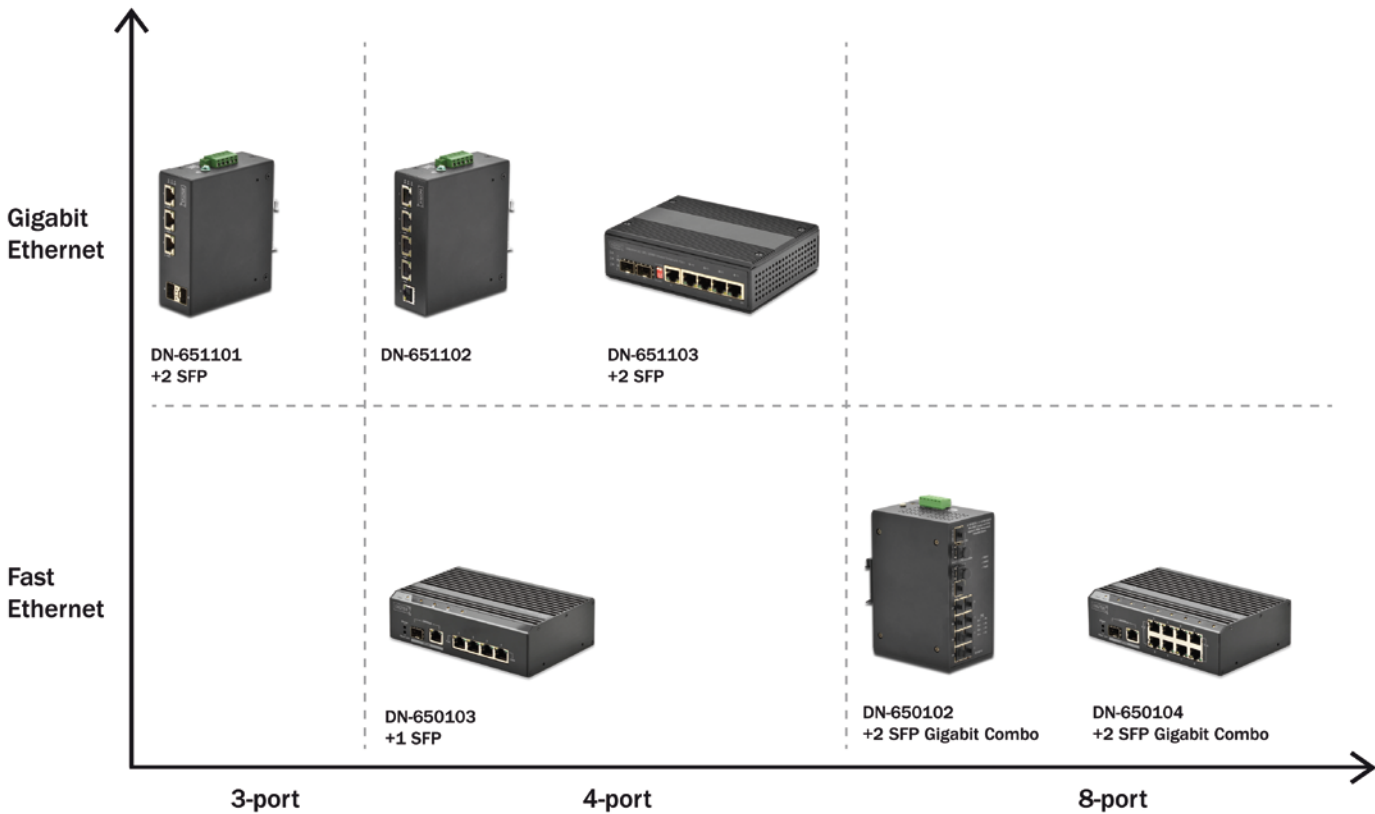
359753 / DN-80211-1

Gigabit Ethernet Web Smart 16 Port Switch, 2 SFP Ports

359760 / DN-80221-1

Gigabit Ethernet Web Smart 24 Port Switch, 2 SFP Ports

DIGITUS[®] Industrial PoE Switches





Industrial Power over Ethernet Switches

Industrial Fast Ethernet PoE Switch

4 Port unmanaged industrial switch with PoE+ function

- 4 x 10/100 Mbps PoE+ Ethernet ports, supports IEEE802.3af/at
- 2 Uplink ports, 100 Mbps SFP port and Ethernet port
- IEEE 802.3x full-duplex and flow control
- Redundant power supply
- Compact, robust metal case
- Excellent short circuit protection
- Lightning and surge protection
- DIN rail and wall mount design
- PoE budget value: 30 W per port
- Power consumption: < 5 W
- Extended operating temperature range, -40 °C ~ +75 °C
- Operating humidity: 5 % to 95 % (non-condensing)
- Dimensions (L x W x H): 159 mm x 110 mm x 46,5 mm

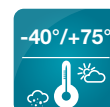


356028 / DN-650103
Industrial Fast Ethernet PoE Switch

Industrial Fast Ethernet PoE Switch

8 Port unmanaged industrial switch with PoE+ function

- 8 x 10/100 Mbps PoE+ Ethernet ports, supports IEEE802.3af/at
- 2 Uplink ports, 1000 Mbps SFP port and Ethernet port
- IEEE 802.3x full-duplex and flow control
- Redundant power supply
- Compact, robust metal case
- Excellent short circuit protection
- Lightning and surge protection
- DIN rail and wall mount design
- Power consumption: < 5 W
- PoE budget value: 30 W per port
- Extended operating temperature range, -40 °C ~ +75 °C
- Operating humidity: 5 % to 95 % (non-condensing)
- Dimensions (L x W x H): 159 mm x 110 mm x 46,5 mm
- Product weight: 540 g

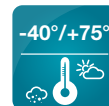


355939 / DN-650104
Industrial Fast Ethernet PoE Switch

Industrial 8 Port Fast Ethernet PoE Switch with Gigabit Combo (SFP)

8 port Plug&Play Industrial PoE Switch with Gigabit Uplink

- 8 port 10/100 TX auto MDI/MDI-X
- 2 port 10/100/100T + 2 port 100/1000 SFP sockets
- Backplane (switching fabric) 5.6Gbps
- Packet throughput ability (Full-Duplex) 8.3Mpps@64bytes
- Transfer rate 10 Mbps: 14,880 pps for Ethernet port
- Transfer rate 100 Mbps: 148,800 pps for Fast Ethernet port
- Transfer rate 1000 Mbps: 1,448,000 pps for Gigabit Ethernet port
- Memory buffer: 1 Mbits
- MAC address table: 8 K
- Protocol: CSMA/CD
- IEEE 802.3, IEEE 802.3u und IEEE 802.3ab kompatibel, IEEE 802.3x full-duplex/half-duplex back-pressure flow control, IEEE 802.3af PoE, FCC Klasse A, CE EN61000-4-2 (ESD), CE EN61000-4-3 (RS), CE EN61000-4-4 (EFT), CE EN61000-4-5 (Überspannung), CE EN61000-4-6 (CS), CE EN61000-4-8, CE EN61000-6-2, CE EN61000-6-4, UL508 / CSA C22, CE EN61010-1, ICES-003, IEC60068-2-32 (freier Fall), IEC60068-2-27 (Schock), IEC60068-2-6 (Vibration)
- 48VDC redundant power
- Removeable terminal block with 1 relay output (alarm contact)
- Power consumption: 16.8Watts (without PoE); 123.2Watts (full load with PoE)
- Dimension: metal case, 72mm(W) x 105mm(D) x 152mm(H)
- Protection class: IP30
- PoE budget value: 15.4 W per port, total 123.2 W
- DIN rail and wall mount design
- Extended operating temperature range, -40 °C ~ +75 °C
- Storage temperature: -40 °C ~ +85 °C
- Operating humidity: 5 % to 95 % (non-condensing)



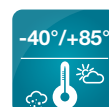
343172 / DN-650102

Industrial 8 Port Fast Ethernet PoE Switch with Gigabit Combo (SFP)

Industrial 3 Port Gigabit PoE Switch with 2 Port SFP Uplink

3 Port Plug&Play Industrial Gigabit PoE Switch with 2 Port SFP Uplink

- 3 port 10/100/1000 TX auto MDI/MDI-X
- 2 port 100/1000 SFP sockets
- Backplane (switching fabric) 10Gbps
- Packet throughput ability (Full-Duplex) 1,448 Mpps@64bytes
- Transfer rate 10 Mbps: 14,880 pps for Ethernet port
- Transfer rate 100 Mbps: 148,800 pps for Fast Ethernet port
- Transfer rate 1000 Mbps: 1,448,000 pps for Gigabit Ethernet port
- Memory buffer: 1 Mbits
- MAC address table: 8 K
- Protocol: CSMA/CD
- IEEE 802.3, IEEE 802.3u und IEEE 802.3ab kompatibel, IEEE 802.3x full-duplex/half-duplex back-pressure flow control, IEEE 802.3af PoE, FCC Klasse A, CE EN61000-4-2 (ESD), CE EN61000-4-3 (RS), CE EN61000-4-4 (EFT), CE EN61000-4-5 (Überspannung), CE EN61000-4-6 (CS), CE EN61000-4-8, CE EN61000-6-2, CE EN61000-6-4, UL508 / CSA C22, CE EN61010-1, ICES-003, IEC60068-2-32 (freier Fall), IEC60068-2-27 (Schock), IEC60068-2-6 (Vibration)
- Redundant Power Design: 12~58 V DC redundant power with polarity reverse protect function
- Removeable terminal block with 1 relay output (alarm contact)
- Power consumption: 5.4Watts (without PoE); 58W (full load with PoE)
- Dimension: metal case, 97.3mm(W) x 42.5mm(D) x 119mm(H)
- Protection class: IP30
- DIN rail and wall mount design
- PoE budget value: 15.4 W per port , total 46.2 W
- Extended operating temperature range, -40 °C ~ +85 °C
- Storage temperature: -40 °C ~ +85 °C
- Operating humidity: 5 % to 95 % (non-condensing)



343189 / DN-651101

Industrial 3 Port Gigabit PoE Switch with 2 Port SFP Uplink

Industrial 4 Port Gigabit PoE Switch with 1 Port Gigabit Uplink

4 Port Plug&Play Industrial Gigabit PoE Switch with 1 Port Gigabit Uplink

- 5 port 10/100/1000 TX auto MDI/MDI-X
- Backplane (switching fabric) 10Gbps
- Packet throughput ability (Full-Duplex) 1,448 Mpps@64bytes
- Transfer rate 10 Mbps: 14,880 pps for Ethernet port
- Transfer rate 100 Mbps: 148,800 pps for Fast Ethernet port
- Transfer rate 1000 Mbps: 1,448,000 pps for Gigabit Ethernet port
- Memory buffer: 1 Mbits
- MAC address table: 8 K
- Protocol: CSMA/CD
- IEEE 802.3, IEEE 802.3u and IEEE 802.3ab kompatibel, IEEE 802.3x full-duplex/half-duplex back-pressure flow control, IEEE 802.3af PoE, FCC Klasse A, CE EN61000-4-2 (ESD), CE EN61000-4-3 (RS), CE EN61000-4-4 (EFT), CE EN61000-4-5 (Überspannung), CE EN61000-4-6 (CS), CE EN61000-4-8, CE EN61000-6-2, CE EN61000-6-4, UL508 / CSA C22, CE EN61010-1, ICES-003, IEC60068-2-32 (freier Fall), IEC60068-2-27 (Schock), IEC60068-2-6 (Vibration)
- Redundant Power Design: 12~58 V DC redundant power with polarity reverse protect function
- Removeable terminal block with 1 relay output (alarm contact)
- Dimension: metal case, 97.3mm(W) x 42.5mm(D) x 119mm(H)
- Protection class: IP30
- DIN rail and wall mount design
- PoE budget value: 15.4 W per port , total 61.6 W
- Extended operating temperature range, -40 °C ~ +85 °C
- Storage temperature: -40 °C ~ +85 °C
- Operating humidity: 5 % to 95 % (non-condensing)



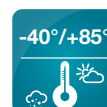
343196 / DN-651102

Industrial 4 Port Gigabit PoE Switch with 1 Port Gigabit Uplink

4 Port Industrial Gigabit Ethernet PoE+ Switch

4 Port Industrial Gigabit Ethernet Switch with PoE+ function and 2 TX/SFP combo ports

- 4 Port 10/100/1000 MbpsBase-T + 2 SFP
- Backplane (switching fabric) 10Gbps
- Packet throughput ability (Full-Duplex) 1,448 Mpps@64bytes
- Transfer rate 10 Mbps: 14,880 pps for Ethernet port
- Transfer rate 100 Mbps: 148,800 pps for Fast Ethernet port
- Transfer rate 1000 Mbps: 1,448,000 pps for Gigabit Ethernet port
- Memory buffer: 1 Mbits
- MAC address table: 8 K
- Protocol: CSMA/CD
- IEEE 802.3, IEEE 802.3u, IEEE 802.3ab and 802.3z (10Base-T, 100Base-TX, 1000Base-T) compatible, with auto negotiation, IEEE 802.3x full-duplex/half-duplex back-pressure flow control, IEEE 802.3af PoE
- High Power over Ethernet plus (PoE+) acc. to IEEE 802.3at
- FCC Class A
- Redundant Power Design: 12~58 V DC redundant power with polarity reverse protect function
- Removeable terminal block with 1 relay output (alarm contact)
- Power consumption: 5.4Watts (without PoE); 58W (full load with PoE)
- Dimensions (L x W x H): 142 mm x 43 mm x 105 mm
- Protection class: IP30
- PoE budget value: 30 W per port , total 120 W
- DIN rail and wall mount design
- Extended operating temperature range, -40 °C ~ +85 °C
- Operating humidity: 5 % to 95 % (non-condensing)



360506 / DN-651103

Industrial 4 Port Gigabit Ethernet PoE+ Switch



Industrial Mini Media Converter

Industrial mini media converter, 10/100 TX to 100 SC MM

- RJ45 10/100M BaseT(X)
- Fiber Ports: 100BaseFX SC
- MAC address table: 1K
- IEEE Standard: IEEE 802.3 10Base-T Ethernet, IEEE 802.3u 100Base-TX Fast Ethernet, IEEE 802.3u 100Base-FX Fast Ethernet, IEEE802.3x Flow Control und Back Pressure, EMC/EMS: CE, FCC, FCC Klasse A, CE EN61000-4-2 (ESD), CE EN61000-4-3 (RS), CE EN61000-4-4 (EFT), CE EN61000-4-5 (Überspannung), CE EN61000-4-6 (CS), CE EN61000-4-8, IEC60068-2-32 (freier Fall), IEC60068-2-27 (Schock), IEC60068-2-6 (Vibration)
- Supports Link Fault Pass Through (LFP) function
- Power input: 18 V-36 VAC, 12 V-60 VDC
- Power consumption: 1.44 W
- Dimensions (L x W x H): 59 mm x 36 mm x 49 mm
- DIN rail and wall mount design
- Extended operating temperature range, -40 °C ~ +75 °C
- Storage temperature: -40 °C ~ +85 °C
- Operating humidity: 5 % to 95 % (non-condensing)



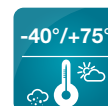
356738 / DN-85001
Industrial Mini Media Converter, SC MM

356752 / DN-85002
Industrial Mini Media Converter, SC SM

Industrial Mini Media Converter

Industrial mini media converter, 10/100 TX to 100 ST MM

- RJ45 10/100M BaseT(X)
- Fiber Ports: 100BaseFX ST
- MAC address table: 1K
- IEEE Standard: IEEE 802.3 10Base-T Ethernet, IEEE 802.3u 100Base-TX Fast Ethernet, IEEE 802.3u 100Base-FX Fast Ethernet, IEEE802.3x Flow Control und Back Pressure, EMC/EMS: CE, FCC, FCC Klasse A, CE EN61000-4-2 (ESD), CE EN61000-4-3 (RS), CE EN61000-4-4 (EFT), CE EN61000-4-5 (Überspannung), CE EN61000-4-6 (CS), CE EN61000-4-8, IEC60068-2-32 (freier Fall), IEC60068-2-27 (Schock), IEC60068-2-6 (Vibration)
- Supports Link Fault Pass Through (LFP) function
- Power input: 18 V-36 VAC, 12 V-60 VDC
- Power consumption: 1,44 W
- Dimensions (L x W x H): 59 mm x 36 mm x 49 mm
- DIN rail and wall mount design
- Extended operating temperature range, -40 °C ~ +75 °C
- Storage temperature: -40 °C ~ +85 °C
- Operating humidity: 5 % to 95 % (non-condensing)



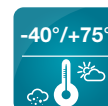
356769 / DN-85003

Industrial Mini Media Converter, ST MM

Industrial Mini Media Converter

Industrial mini media converter, 10/100 TX to 100 SFP

- RJ45 10/100M BaseT(X)
- Fiber Ports: 100BaseX SFP
- MAC address table: 1K
- IEEE Standard: IEEE 802.3 10Base-T Ethernet, IEEE 802.3u 100Base-TX Fast Ethernet, IEEE 802.3u 100Base-FX Fast Ethernet, IEEE802.3x Flow Control und Back Pressure, EMC/EMS: CE, FCC, FCC Klasse A, CE EN61000-4-2 (ESD), CE EN61000-4-3 (RS), CE EN61000-4-4 (EFT), CE EN61000-4-5 (Überspannung), CE EN61000-4-6 (CS), CE EN61000-4-8, IEC60068-2-32 (freier Fall), IEC60068-2-27 (Schock), IEC60068-2-6 (Vibration)
- Supports Link Fault Pass Through (LFP) function
- Power input: 18 V-36 VAC, 12 V-60 VDC
- Power consumption: 1,44 W
- Dimensions (L x W x H): 59 mm x 36 mm x 49 mm
- DIN rail and wall mount design
- Extended operating temperature range, -40 °C ~ +75 °C
- Storage temperature: -40 °C ~ +85 °C
- Operating humidity: 5 % to 95 % (non-condensing)



356776 / DN-85004

Industrial Mini Media Converter, SFP

Industrial Power Supply 24V/25W

Standard / Din Rail mounting dual purpose

- Input voltage range: 90 ~ 264VAC, 127 ~ 380VDC
- Input Frequency range: 47 ~ 63Hz
- AC inrush current: Cold start, 20A/ 110VAC, 40A/ 220VAC
- Hold-up time: Rated load, 13ms / 220VAC
- Short protection: Autorecovery
- Overload protection: Automatic power limited
- Operating Temperature: -15 ~ 50°C, Ambient
- Ripple & Noise: 240mV
- Standard / Din Rail mounting dual purpose
- No-load consumption is lower than 0.3W
- Comply with high efficiency power 80plus criterion
- 2010 ErP (Energy Conservation Regulation) compliant
- Convection cooled high reliability
- Output modify range: 3V ~ 200VDC



344506 / DN-653025
Industrial Power Supply 24V/25W

Industrial Power Supply 48V/150W

Standard / Din Rail mounting dual purpose "Output Voltage Monitor" display

- Input voltage range: 90 ~ 132VAC / 180 ~ 264VAC(Selectable), 200 ~ 380VDC
- Input Frequency range: 47 ~ 63Hz
- AC inrush current: Cold start, 20A/ 110VAC, 40A/ 220VAC
- Hold-up time: Rated load, 13ms / 220VAC
- Short protection: Autorecovery
- Operating Temperature: -15 ~ 50°C, Ambient
- Ripple & Noise: 240mV
- Standard / Din Rail mounting dual purpose
- No-load consumption lower than 0.5W
- Comply with high efficiency power 80plus criterion
- 2010 ErP (Energy Conservation Regulation) compliant
- „Output Voltage Monitor“ display
- Convection cooled high reliability
- Output modify range: 3V ~ 200VDC

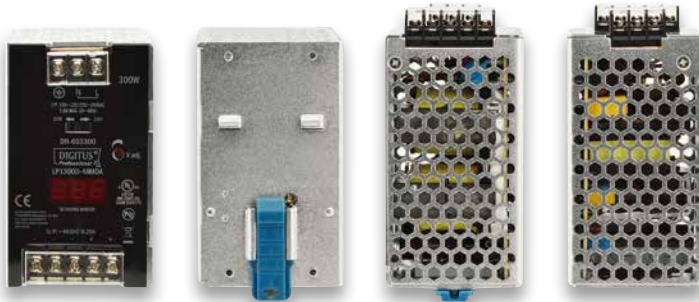


344520 / DN-653100
Industrial Power Supply 48V/150W

Industrial Power Supply 48V/300W

Standard / Din Rail mounting dual purpose "Output Voltage Monitor" display

- Input voltage range: 90 ~ 132VAC / 180 ~ 264VAC(Selectable), 200 ~ 380VDC
- Input Frequency range: 47 ~ 63Hz
- AC inrush current: Cold start, 20A/ 110VAC, 40A/ 220VAC
- Hold-up time: Rated load, 13ms / 220VAC
- Short protection: Autorecovery
- Overload protection: Automatic power limited
- Operating Temperature: -15 ~ 50°C, Ambient
- Ripple & Noise: 480mV
- Standard / Din Rail mounting dual purpose
- Compact size
- Comply with high efficiency power 80plus criterion
- „Output Voltage Monitor“ display
- Convection cooled high reliability
- Output modify range: 3V ~ 200VDC



344537 / DN-653300
 Industrial Power Supply 48V/300W



Media Converter

The media converters from DIGITUS® are the ideal solution for the migration of copper and fiber network signals. From now on, you are able to access the fiber technology and transfer network signals over several kilometers without renewing your whole network infrastructure. The huge variety of products fulfil your individual needs. The intuitive operation guarantees a quick and easy installation. Years of experience and a wide range of products lets DIGITUS® become a reliable partner for your network.

- Transforms wire based network media to fiber optic
- High quality and excellent reliability
- Plug and Play-Installation
- Automatic cable detection - auto MDI / MDI-X function
- Auto-negotiation of full- and half-duplex
- Diagnostic and monitoring LEDs for the status of power, link and act of the ports
- Standalone Converter with external power supply



Media Converter

Product Number	EAN Code	Speed	Connector	Distance	Medium	Wavelength	Operating Temperature	Industrial Version
DN-82020-1	4016032293095	10/100Mbps	SC Multimode Duplex	2 km	Fiber	1310nm	0 to + 60 °C	
DN-82021-1	4016032293101	10/100Mbps	SC Singlemode Duplex	20 km	Fiber	1310nm	0 to + 60 °C	
DN-82021-1_040	4016032307884	10/100Mbps	SC Singlemode Duplex	40 km	Fiber	1310nm	0 to + 60 °C	
DN-82021-1_060	4016032307891	10/100Mbps	SC Singlemode Duplex	60 km	Fiber	1310nm	0 to + 60 °C	
DN-82021-1_080	4016032307907	10/100Mbps	SC Singlemode Duplex	80 km	Fiber	1550nm	0 to + 60 °C	
DN-82021-1_100	4016032307914	10/100Mbps	SC Singlemode Duplex	100 km	Fiber	1550nm	0 to + 60 °C	
DN-82021-1_120	4016032307921	10/100Mbps	SC Singlemode Duplex	120 km	Fiber	1550nm	0 to + 60 °C	
DN-82010-1	4016032293088	10/100Mbps	ST Multimode Duplex	2 km	Fiber	1310nm	0 to + 60 °C	
DN-82022	4016032293149	10/100Mbps	SC Singlemode Simplex	20 km	Fiber	Tx1310nm / Rx1550nm	0 to + 60 °C	
DN-82023	4016032293156	10/100Mbps	SC Singlemode Simplex	20 km	Fiber	Tx1550nm / Rx1310nm	0 to + 60 °C	
DN-82022_40	4016032307686	10/100Mbps	SC Singlemode Simplex	40 km	Fiber	Tx1310nm / Rx1550nm	0 to + 60 °C	
DN-82023_40	4016032307716	10/100Mbps	SC Singlemode Simplex	40 km	Fiber	Tx1550nm / Rx1310nm	0 to + 60 °C	
DN-82022_60	4016032307693	10/100Mbps	SC Singlemode Simplex	60 km	Fiber	Tx1310nm / Rx1550nm	0 to + 60 °C	
DN-82023_60	4016032307723	10/100Mbps	SC Singlemode Simplex	60 km	Fiber	Tx1550nm / Rx1310nm	0 to + 60 °C	
DN-82022_80	4016032307709	10/100Mbps	SC Singlemode Simplex	80 km	Fiber	Tx1310nm / Rx1550nm	0 to + 60 °C	
DN-82023_80	4016032307730	10/100Mbps	SC Singlemode Simplex	80 km	Fiber	Tx1550nm / Rx1310nm	0 to + 60 °C	
DN-82030	4016032307754	10/100Mbps	SFP	SFP	Fiber		0 to + 60 °C	
DN-82040	4016032294122	10/100Mbps	RJ11	300 m	RJ11		0 to + 60 °C	
DN-82050	4016032294139	10/100Mbps	BNC	300 m	Coxial		0 to + 60 °C	
DN-82060	4016032365334	10/100Mbps	BNC	500 m	Coxial		0 to + 55 °C	
DN-82131	4016032307334	1000Mbps	SFP	SFP	Fiber		0 to + 60 °C	
DN-82130	4016032293163	10/100/1000Mbps	SFP	SFP	Fiber		0 to + 60 °C	
DN-82120-1	4016032293125	10/100/1000Mbps	SC Multimode Duplex	500 m	Fiber	850nm	0 to + 60 °C	
DN-82110-1	4016032293118	10/100/1000Mbps	ST Multimode Duplex	500 m	Fiber	850nm	0 to + 60 °C	
DN-82121-1	4016032293132	10/100/1000Mbps	SC Singlemode Duplex	10 km	Fiber	1310nm	0 to + 60 °C	
DN-82121-1_040	4016032307792	10/100/1000Mbps	SC Singlemode Duplex	40 km	Fiber	1310nm	0 to + 60 °C	
DN-82121-1_060	4016032307808	10/100/1000Mbps	SC Singlemode Duplex	60 km	Fiber	1550nm	0 to + 60 °C	
DN-82121-1_080	4016032307815	10/100/1000Mbps	SC Singlemode Duplex	80 km	Fiber	1550nm	0 to + 60 °C	
DN-82122	4016032307938	10/100/1000Mbps	SC Singlemode Simplex	20 km	Fiber	Tx1310nm / Rx1550nm	0 to + 60 °C	
DN-82123	4016032307976	10/100/1000Mbps	SC Singlemode Simplex	20 km	Fiber	Tx1550nm / Rx1310nm	0 to + 60 °C	
DN-82122_040	4016032307945	10/100/1000Mbps	SC Singlemode Simplex	40 km	Fiber	Tx1310nm / Rx1550nm	0 to + 60 °C	
DN-82123_040	4016032307983	10/100/1000Mbps	SC Singlemode Simplex	40 km	Fiber	Tx1550nm / Rx1310nm	0 to + 60 °C	
DN-82122_060	4016032307952	10/100/1000Mbps	SC Singlemode Simplex	60 km	Fiber	Tx1310nm / Rx1550nm	0 to + 60 °C	
DN-82123_060	4016032307990	10/100/1000Mbps	SC Singlemode Simplex	60 km	Fiber	Tx1550nm / Rx1310nm	0 to + 60 °C	
DN-82122_080	4016032307969	10/100/1000Mbps	SC Singlemode Simplex	80 km	Fiber	Tx1310nm / Rx1550nm	0 to + 60 °C	
DN-82123_080	4016032308003	10/100/1000Mbps	SC Singlemode Simplex	80 km	Fiber	Tx1550nm / Rx1310nm	0 to + 60 °C	
DN-85001	4016032356738	10/100Mbps	SC Multimode Duplex	2 km	Fiber	1310nm	-40 to + 75 °C	✓
DN-85002	4016032356752	10/100Mbps	SC Singlemode Duplex	30 km	Fiber	1310nm	-40 to + 75 °C	✓
DN-85003	4016032356769	10/100Mbps	ST Multimode Duplex	2 km	Fiber	1310nm	-40 to + 75 °C	✓
DN-85004	4016032356776	10/100Mbps	SFP	SFP	Fiber		-40 to + 75 °C	✓



Media Converter // Fast Ethernet

Fast Ethernet Media Converter, RJ45 / ST

The perfect converter solution for various fiber media

- Transforms wire based network media to fiber optic
- High quality and excellent reliability
- 10/100Base-TX to 100Base-FX
- Connectors: 1x RJ45, 1x ST Duplex
- Distance: up to 2km
- Wavelength: 1310nm
- Multimode dual fiber
- Automatic cable detection - auto MDI / MDI-X function
- Auto-negotiation of full- and half-duplex
- Diagnostic and monitoring LEDs for the status of power, link and act of the ports
- Link Fault Pass Through (LFP) function for easier network maintenance
- Suitable for 50/125µm and 62.5/125µm Fiber Cables
- Transmission power: minimum -22 dBm, maximum -12 dBm
- Sensitivity receiving power: minimum -30 dBm
- Supported Standards: IEEE 802.3 Ethernet, IEEE 802.3u Fast Ethernet
- 128kB data buffer
- Operating temperature: 0 to 55°C
- Dimensions (L x W x H): 95mm x 70mm x 26mm
- Weight: 200g
- Standalone Converter with external power supply
- Input Supply Voltage: 5V DC
- Max. Current: 800mA
- Power Consumption: 2.5W



10/100
FAST
ETHERNET

293088 / DN-82010-1
Fast Ethernet Media Converter, RJ45 / ST

Fast Ethernet Media Converter, RJ45 / SC

The perfect converter solution for various fiber media

- Transforms wire based network media to fiber optic
- High quality and excellent reliability
- 10/100Base-TX to 100Base-FX
- Connectors: 1x RJ45, 1x SC duplex
- Distance: up to 2km
- Wavelength: 1310nm
- Multimode dual fiber
- Automatic cable detection - auto MDI / MDI-X function
- Auto-negotiation of full- and half-duplex
- Diagnostic and monitoring LEDs for the status of power, link and act of the ports
- Link Fault Pass Through (LFP) function for easier network maintenance
- Suitable for 50/125µm and 62.5/125µm Fiber Cables
- Transmission power: minimum -22 dBm, maximum -12 dBm
- Sensitivity receiving power: minimum -30 dBm
- Supported Standards: IEEE 802.3 Ethernet, IEEE 802.3u Fast Ethernet
- 128kB data buffer
- Operating temperature: 0 to 55°C
- Dimensions (L x W x H): 95mm x 70mm x 26mm
- Weight: 200g
- Standalone Converter with external power supply
- Input Supply Voltage: 5V DC
- Max. Current: 800mA
- Power Consumption: 2.5W



10/100
FAST
ETHERNET

293095 / DN-82020-1
Fast Ethernet Media Converter, RJ45 / SC

Fast Ethernet Media Converter, RJ45 / SC

The perfect converter solution for various fiber media

- Transforms wire based network media to fiber optic
- High quality and excellent reliability
- 10/100Base-TX to 100Base-FX
- Connectors: 1x RJ45, 1x SC duplex
- Distance up to 120 km
- Wavelength: 1310 nm
- Singlemode Dual Fiber
- Automatic cable detection - auto MDI / MDI-X function
- Auto-negotiation of full- and half-duplex
- Diagnostic and monitoring LEDs for the status of power, link and act of the ports
- Suitable for 9/125µm Fiber Cables
- Transmission Power: Minimum -15 dBm, Maximum -8 dBm
- Sensitivity Receiving Power: Minimum -38 dBm
- Supported Standards: IEEE 802.3 Ethernet, IEEE 802.3u Fast Ethernet
- 128kB data buffer
- Operating temperature: 0 to 55°C
- Dimensions (L x W x H): 95mm x 70mm x 26mm
- Standalone Converter with external power supply



10/100
FAST
ETHERNET

293101 / DN-82021-1

Fast Ethernet Media Converter, RJ45 / SC, Distance up to 20 km

307884 / DN-82021-1_040

Fast Ethernet Media Converter, RJ45 / SC, Distance up to 40 km

307891 / DN-82021-1_060

Fast Ethernet Media Converter, RJ45 / SC, Distance up to 60 km

307907 / DN-82021-1_080

Fast Ethernet Media Converter, RJ45 / SC, Distance up to 80 km

307914 / DN-82021-1_100

Fast Ethernet Media Converter, RJ45 / SC, Distance up to 100 km

307921 / DN-82021-1_120

Fast Ethernet Media Converter, RJ45 / SC, Distance up to 120 km

Bidirectional Fast Ethernet Media Converter, RJ45 / SC

The perfect converter solution for various fiber media

- Transforms wire based network media to fiber optic
- High quality and excellent reliability
- 10/100Base-TX to 100Base-FX
- Connectors: 1x RJ45, 1x SC Simplex
- Distance up to 80 km
- Wavelength: Tx 1310nm / Rx 1550nm
- Singlemode Single Fiber
- Automatic cable detection - auto MDI / MDI-X function
- Auto-negotiation of full- and half-duplex
- Diagnostic and monitoring LEDs for the status of power, link and act of the ports
- Link Fault Pass Through (LFP) function for easier network maintenance
- Suitable for 9/125µm Fiber Cables
- Transmission Power: Minimum -15 dBm, Maximum -8 dBm
- Sensitivity Receiving Power: Minimum -36 dBm
- Supported Standards: IEEE 802.3 Ethernet, IEEE 802.3u Fast Ethernet
- 128kB data buffer
- Operating temperature: 0 to 55°C
- Dimensions (L x W x H): 95mm x 70mm x 26mm
- Weight: 200g
- Standalone Converter with external power supply
- Input Supply Voltage: 5V DC
- Max. Current: 800mA



10/100
FAST
ETHERNET

293149 / DN-82022

Bidirectional Fast Ethernet Media Converter, RJ45 / SC, Distance up to 20 km

307686 / DN-82022_40

Bidirectional Fast Ethernet Media Converter, RJ45 / SC, Distance up to 40 km

307693 / DN-82022_60

Bidirectional Fast Ethernet Media Converter, RJ45 / SC, Distance up to 60 km

307709 / DN-82022_80

Bidirectional Fast Ethernet Media Converter, RJ45 / SC, Distance up to 80 km

Bidirectional Fast Ethernet Media Converter, RJ45 / SC

The perfect converter solution for various fiber media

- Transforms wire based network media to fiber optic
- High quality and excellent reliability
- 10/100Base-T and IEEE 802.3u compatible
- Connectors: 1x RJ45, 1x SC Simplex
- Distance up to 80 km
- Wavelength: Tx 1550nm / Rx 1310nm
- Singlemode Single Fiber
- Automatic cable detection - auto MDI / MDI-X function
- Auto-negotiation of full- and half-duplex
- Diagnostic and monitoring LEDs for the status of power, link and act of the ports
- Link Fault Pass Through (LFP) function for easier network maintenance
- Suitable for 9/125µm Fiber Cables
- Transmission power: minimum -8 dBm, maximum -3 dBm
- Sensitivity Receiving Power: Minimum -36 dBm
- Supported Standards: IEEE 802.3 Ethernet, IEEE 802.3u Fast Ethernet
- 128kB data buffer
- Operating temperature: 0 to 55°C
- Dimensions (L x W x H): 95mm x 70mm x 26mm
- Weight: 200g
- Standalone Converter with external power supply
- Input Supply Voltage: 5V DC
- Max. Current: 800mA



293156 / DN-82023

Bidirectional Fast Ethernet Media Converter, RJ45 / SC, Distance up to 20 km

307716 / DN-82023_40

Bidirectional Fast Ethernet Media Converter, RJ45 / SC, Distance up to 40 km

307723 / DN-82023_60

Bidirectional Fast Ethernet Media Converter, RJ45 / SC, Distance up to 60 km

307730 / DN-82023_80

Bidirectional Fast Ethernet Media Converter, RJ45 / SC, Distance up to 80 km

Fast Ethernet Media Converter, RJ45 / SFP

The perfect converter solution for various fiber media

- Transforms wire based network media to fiber optic
- High quality and excellent reliability
- 10/100Base-T and IEEE 802.3u compatible
- Connectors: 1x RJ45, 1x SFP
- Distance up to 80 km
- Automatic cable detection - auto MDI / MDI-X function
- Auto-negotiation of full- and half-duplex
- Diagnostic and monitoring LEDs for the status of power, link and act of the ports
- Supported Standards: IEEE 802.3 Ethernet, IEEE 802.3u Fast Ethernet
- 128kB data buffer
- Operating temperature: 0 to 55°C
- Dimensions (L x W x H): 95mm x 70mm x 26mm
- Weight: 200g
- Standalone Converter with external power supply
- Input Supply Voltage: 5V DC
- Exclusive SFP Module



307754 / DN-82030

Fast Ethernet Media Converter, RJ45 / SFP, 10/100Base-T to SFP Module

Fast Ethernet Media Converter, RJ45 / RJ11

The perfect converter solution for telephone lines

- Data transmission over telephone lines
- Connections: 1x RJ45, 1x RJ11
- DIP-Switch for CO/CPE, Fast/Interleaved Modi and Signal/Noise Ratio
- Compatible to the following Standards: 802.3 10Base-T, 802.3u 100Base-TX, 802.3x Full Duplex, ETSI, ANSI, ITU-T G.993.1 (VDSL)
- Up to 100/60 Mbps (90/90 Mbps with synchronous data rate) within a distance of 300 meters and 40/10 Mbps for up to 1km
- Distance up to 3km
- High quality and excellent reliability
- Diagnostic and monitoring LEDs for the status of power, link and act of the ports
- Standalone Converter with external power supply
- Operating system independent, supports e.g. Windows, Mac OS, Linux and Sun



10/100
FAST
ETHERNET

294122 / DN-82040

Fast Ethernet Media Converter, RJ45 / RJ11

Fast Ethernet Media Converter, RJ45 / BNC

The perfect converter solution for coax lines

- Connections: 1x RJ45, 1x BNC
- Suitable for RG58 Coaxial Cables
- DIP-Switch for CO/CPE, Fast/Interleaved Modi and Signal/Noise Ratio
- Compatible to the following Standards: 802.3 10Base-T, 802.3u 100Base-TX, 802.3x Full Duplex, ETSI, ANSI, ITU-T G.993.1 (VDSL)
- Up to 100/60 Mbps (90/90 Mbps with synchronous data rate) within a distance of 300 meters and 40/10 Mbps for up to 1km
- Distance up to 3km
- High quality and excellent reliability
- Diagnostic and monitoring LEDs for the status of power, link and act of the ports
- Standalone Converter with external power supply
- Operating system independent, supports e.g. Windows, Mac OS, Linux and Sun



10/100
FAST
ETHERNET

294139 / DN-82050

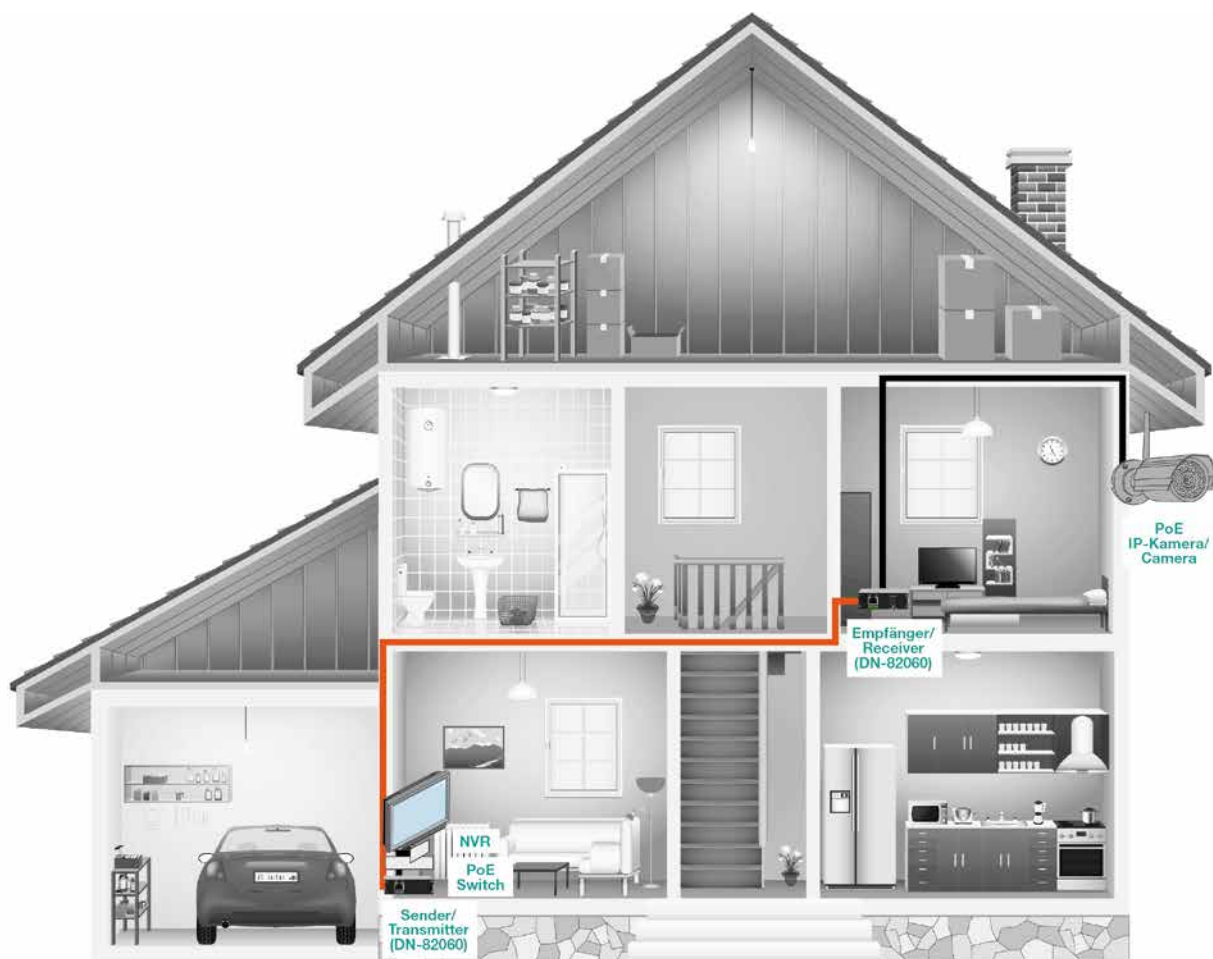
Fast Ethernet Media Converter, RJ45 / BNC

Fast Ethernet PoE + VDSL Extender Set - over 500 m

The perfect Power over Ethernet solution for an optimal and cost effective extension (up to 500 m) of your existing network.

The DIGITUS® DN-82060 is a 10/100Mbps Fast Ethernet VDSL extender with Power over Ethernet (PoE) Capability. The transmitter unit is powered by PoE so no additional power supply is needed. This enables you to use the device even where no power lines or outlets are available. PoE is transmitted via coaxial or RJ45 network cable to the receiver, so you can achieve a maximum extension of up to 500m.

- Ethernet IEEE802.3 / 802.3u / IEEE802.3 af/at
- Ethernet Speed: 10/100Mbps Fast Ethernet
- Transmission distance up to 500 m
- Transmission over Coax or RJ45
- Coax: BNC
- No additional power supply necessary
- PoE - Power over Ethernet
- Operating Temperature: 0°C to 55°C
- Dimensions (L x W x H): 82 mm x 63.2 mm x 25 mm
- Weight: 200g



DN-82060 Sender/Empfänger-Set
Transmitter/Receiver-Set

Koaxialkabel
Coaxial Cable

Netzwerkkabel CAT 5
Network Cable CAT 5



Gigabit Media Converter, RJ45 / ST

The perfect converter solution for various fiber media

- Transforms wire based network media to fiber optic
- High quality and excellent reliability
- 10/100/1000Base-TX to 1000Base-SX
- Connectors: 1x RJ45, 1x ST Duplex
- Distance up to 0.5 km
- Wavelength: 850nm
- Multimode dual fiber
- Automatic cable detection - auto MDI / MDI-X function
- Auto-negotiation of full- and half-duplex
- Diagnostic and monitoring LEDs for the status of power, link and act of the ports
- Suitable for 8.3/125µm, 8.7/125µm, 9/125µm or 10/125µm Fiber Cables
- Transmission Power: Minimum -17 dBm, Maximum -12 dBm
- Sensitivity Receiving Power: Minimum -20 dBm
- Supported Standards: IEEE 802.3 Ethernet, IEEE 802.3u Fast Ethernet, IEEE 802.3z Gigabit Ethernet
- 2MB Data Buffer
- Operating Temperature: 0 to 60°C
- Dimensions (L x W x H): 95mm x 70mm x 26mm
- Weight: 200g
- Standalone Converter with external power supply
- Input Supply Voltage: 5V DC



10/100/1000
GIGABIT
ETHERNET

293118 / DN-82110-1

Gigabit Media Converter, RJ45 / ST, Distance up to 0.5 km

Gigabit Media Converter, RJ45 / SC

The perfect converter solution for various fiber media

- Transforms wire based network media to fiber optic
- High quality and excellent reliability
- 10/100/1000Base-TX to 1000Base-SX
- Connectors: 1x RJ45, 1x SC duplex
- Distance up to 0.5 km
- Wavelength: 850nm
- Multimode dual fiber
- Automatic cable detection - auto MDI / MDI-X function
- Auto-negotiation of full- and half-duplex
- Diagnostic and monitoring LEDs for the status of power, link and act of the ports
- Suitable for 50/125µm and 62.5/125µm Fiber Cables
- Transmission Power: Minimum -17 dBm, Maximum -12 dBm
- Sensitivity Receiving Power: Minimum -20 dBm
- Supported Standards: IEEE 802.3 Ethernet, IEEE 802.3u Fast Ethernet, IEEE 802.3z Gigabit Ethernet
- 2MB Data Buffer
- Operating Temperature: 0 to 60°C
- Dimensions (L x W x H): 95mm x 70mm x 26mm
- Weight: 200g
- Standalone Converter with external power supply
- Input Supply Voltage: 5V DC



10/100/1000
GIGABIT
ETHERNET

293125 / DN-82120-1

Gigabit Media Converter, RJ45 / SC, Distance up to 0.5 km



Media Converter // Gigabit Ethernet

Gigabit Media Converter, RJ45 / SC

The perfect converter solution for various fiber media

- Transforms wire based network media to fiber optic
- High quality and excellent reliability
- 10/100/1000Base-TX to 1000Base-LX
- Connectors: 1x RJ45, 1x SC duplex
- Distance up to 80 km
- Wavelength: 1310nm
- Singlemode Dual Fiber
- Automatic cable detection - auto MDI / MDI-X function
- Auto-negotiation of full- and half-duplex
- Diagnostic and monitoring LEDs for the status of power, link and act of the ports
- Suitable for 9/125µm Fiber Cables
- Transmission Power: Minimum -12 dBm, Maximum -6 dBm
- Sensitivity Receiving Power: Minimum -21 dBm
- Supported Standards: IEEE 802.3 Ethernet, IEEE 802.3u Fast Ethernet, IEEE 802.3z Gigabit Ethernet
- 2MB Data Buffer
- Operating Temperature: 0 to 60°C
- Dimensions (L x W x H): 95mm x 70mm x 26mm
- Weight: 200g
- Standalone Converter with external power supply
- Input Supply Voltage: 5V DC



10/100/1000
GIGABIT
ETHERNET

293132 / DN-82121-1

Gigabit Media Converter, RJ45 / SC, Distance up to 10 km

307792 / DN-82121-1_040

Gigabit Media Converter, RJ45 / SC, Distance up to 40 km

307808 / DN-82121-1_060

Gigabit Media Converter, RJ45 / SC, Distance up to 60 km

307815 / DN-82121-1_080

Gigabit Media Converter, RJ45 / SC, Distance up to 80 km

Bidirectional Gigabit Media Converter, RJ45 / SC

The perfect converter solution for various fiber media

- Transforms wire based network media to fiber optic
- High quality and excellent reliability
- 10/100/1000Base-TX to 1000Base-LX
- Connectors: 1x RJ45, 1x SC Simplex
- Distance up to 80 km
- Wavelength: Tx 1310nm / Rx 1550nm
- Singlemode Single Fiber
- Automatic cable detection - auto MDI / MDI-X function
- Auto-negotiation of full- and half-duplex
- Diagnostic and monitoring LEDs for the status of power, link and act of the ports
- Link Fault Pass Through (LFP) function for easier network maintenance
- Suitable for 9/125µm Fiber Cables
- Supported Standards: IEEE 802.3 Ethernet, IEEE 802.3u Fast Ethernet, IEEE 802.3z Gigabit Ethernet
- 2MB Data Buffer
- Operating Temperature: 0 to 60°C
- Dimensions (L x W x H): 95mm x 70mm x 26mm
- Weight: 200g
- Standalone Converter with external power supply
- Input Supply Voltage: 5V DC
- Max. Current: 800mA
- Power Consumption: 2.5W



307938 / DN-82122

Bidirectional Gigabit Media Converter, RJ45 / SC, Distance up to 20 km

307945 / DN-82122_040

Bidirectional Gigabit Media Converter, RJ45 / SC, Distance up to 40 km

307952 / DN-82122_060

Bidirectional Gigabit Media Converter, RJ45 / SC, Distance up to 60 km

307969 / DN-82122_080

Bidirectional Gigabit Media Converter, RJ45 / SC, Distance up to 80 km

Bidirectional Gigabit Media Converter, RJ45 / SC

The perfect converter solution for various fiber media

- Transforms wire based network media to fiber optic
- High quality and excellent reliability
- 10/100/1000Base-TX to 1000Base-LX
- Connectors: 1x RJ45, 1x SC Simplex
- Distance up to 80 km
- Wavelength: Tx 1550nm / Rx 1310nm
- Singlemode Single Fiber
- Automatic cable detection - auto MDI / MDI-X function
- Auto-negotiation of full- and half-duplex
- Diagnostic and monitoring LEDs for the status of power, link and act of the ports
- Link Fault Pass Through (LFP) function for easier network maintenance
- Suitable for 9/125µm Fiber Cables
- Supported Standards: IEEE 802.3 Ethernet, IEEE 802.3u Fast Ethernet, IEEE 802.3z Gigabit Ethernet
- 2MB Data Buffer
- Operating Temperature: 0 to 60°C
- Dimensions (L x W x H): 95mm x 70mm x 26mm
- Weight: 200g
- Standalone Converter with external power supply
- Input Supply Voltage: 5V DC
- Max. Current: 800mA
- Power Consumption: 2.5W



307976 / DN-82123

Bidirectional Gigabit Media Converter, RJ45 / SC, Distance up to 20 km

307983 / DN-82123_040

Bidirectional Gigabit Media Converter, RJ45 / SC, Distance up to 40 km

307990 / DN-82123_060

Bidirectional Gigabit Media Converter, RJ45 / SC, Distance up to 60 km

308003 / DN-82123_080

Bidirectional Gigabit Media Converter, RJ45 / SC, Distance up to 80 km



Media Converter // Gigabit Ethernet

Gigabit Media Converter, RJ45 / SFP

The perfect converter solution for various fiber media

- Transforms wire based network media to fiber optic
- High quality and excellent reliability
- Connectors: 1x RJ45, 1x SFP
- Distance up to 80 km
- Automatic cable detection - auto MDI / MDI-X function
- Auto-negotiation of full- and half-duplex
- Diagnostic and monitoring LEDs for the status of power, link and act of the ports
- Supported Standards: IEEE 802.3 Ethernet, IEEE 802.3u Fast Ethernet, IEEE 802.3z Gigabit Ethernet
- 2MB Data Buffer
- Operating Temperature: 0 to 60°C
- Dimensions (L x W x H): 95mm x 70mm x 26mm
- Weight: 200g
- Standalone Converter with external power supply
- Input Supply Voltage: 5V DC
- Exclusive SFP Module



293163 / DN-82130

Gigabit Media Converter, RJ45 / SFP, 10/100/1000Base-T to SFP Module

307334 / DN-82131

Gigabit Media Converter, RJ45 / SFP, 1000Base-T to SFP Module

14 Slot Media Converter Chassis

The perfect solution for various media converters

- Suitable for the Media Converter Series DN-82x1x, DN-82x2x and DN-82x3x
- Equipped with a second, redundant Power Supply for maximum stability and reliability
- Hot Swap Support for the Converters to ensure a flexible connection
- For up to 14 Media Converters
- Circuit Breaker for Overvoltage, Overflow and Short-Circuit
- 2 Height Units for 483mm (19") Rack Installation
- Dimensions (L x W x H): 231mm x 485mm x 90mm
- Operating temperature: 0 to 50 °C
- Storage temperature: -20°C ... +85°C



back view



side view



SFP Modules

The DIGITUS® mini GBIC (SFP) transceiver modules offer highest quality and reliability. Whether from switch to switch, converter to switch, converter to converter or any else application: The wide product range of DIGITUS® modules makes possible a flexible usage of the fiber technology. The conformity to the MSA (Multi Source Agreement) standard ensures a compatibility to third party manufacturers.

- High quality and excellent reliability
- Class 1 laser product compliant with EN 60825-1
- Easy Plug and Play-Installation
- MSA (Multi Source Agreement) compliant
- Safe fast-locking mechanism

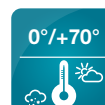


SFP Modules

Product Number	EAN Code	Speed	Distance	Connector	Wavelength	Operating Temperature	Industrial Version
		Fast Ethernet					
DN-81101	4016032324843	155 Mbps	2 km	LC Multimode Duplex	1310nm	0 to +70 °C	
DN-81103	4016032305705	155 Mbps	20 km	LC Singlemode Simplex	Tx1310nm/Rx1550nm	0 to +70 °C	
DN-81104	4016032305712	155 Mbps	20 km	LC Singlemode Simplex	Tx1550nm/Rx1310nm	0 to +70 °C	
		Gigabit					
DN-81000	4016032305651	1.25 Gbps	550 m	LC Multimode Duplex	850nm	0 to +70 °C	
DN-81001	4016032305668	1.25 Gbps	20 km	LC Singlemode Duplex	1310nm	0 to +70 °C	
DN-81003	4016032305682	1.25 Gbps	20 km	LC Singlemode Simplex	Tx1310nm/Rx1550nm	0 to +70 °C	
DN-81004	4016032305729	1.25 Gbps	20 km	LC Singlemode Simplex	Tx1550nm/Rx1310nm	0 to +70 °C	
DN-81002	4016032305675	1.25 Gbps	80 km	LC Singlemode Duplex	1550nm	0 to +70 °C	
		10G					
DN-81200	4016032324133	10 Gbps	300 m	LC Multimode Duplex	850nm	0 to +70 °C	
DN-81201	4016032324140	10 Gbps	10 km	LC Singlemode Duplex	1310nm	0 to +70 °C	
		Fast Ethernet					
DN-81113	4016032307624	155 Mbps	20 km	LC Singlemode Simplex	Tx1310nm/Rx1550nm	-45 to +85 °C	✓
DN-81114	4016032307631	155 Mbps	20 km	LC Singlemode Simplex	Tx1550nm/Rx1310nm	-45 to +85 °C	✓
DN-81010	4016032307570	1.25 Gbps	550 m	LC Multimode Duplex	850nm	-45 to +85 °C	✓
DN-81011	4016032307587	1.25 Gbps	20 km	LC Singlemode Duplex	1310nm	-45 to +85 °C	✓
DN-81012	4016032307594	1.25 Gbps	80 km	LC Singlemode Duplex	1550nm	-45 to +85 °C	✓
DN-81013	4016032307600	1.25 Gbps	20 km	LC Singlemode Simplex	Tx1310nm/Rx1550nm	-45 to +85 °C	✓
DN-81014	4016032307617	1.25 Gbps	20 km	LC Singlemode Simplex	Tx1550nm/Rx1310nm	-45 to +85 °C	✓

Mini GBIC (SFP) Module, 155 Mbps, 2 km

- Mini GBIC SFP (Small Form Factor Pluggable) module
- High quality and excellent reliability
- 155 Mbps maximum data rate
- Class 1 laser product compliant with EN 60825-1
- Easy plug-and-play installation
- MSA (Multi Source Agreement) compliant
- Hot pluggable
- Connector: 1x LC Duplex
- Wavelength: 1310nm
- Transmission power: minimum -8 dBm, maximum -3 dBm
- Sensitivity receiving power: minimum -24 dBm
- For a distance of up to 2km
- Suitable for 50/125µm and 62.5/125µm multimode fiber cables
- Safe fast-locking mechanism
- 3.3V power supply



324843 / DN-81101

Mini GBIC (SFP) Module, 155 Mbps, 2 km

Mini GBIC (SFP) Module, 155 Mbps, 20 km

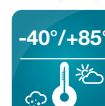
- Mini GBIC SFP (Small Form Factor Pluggable) module
- Bidirectional WDM Module - Only one fiber is needed
- High quality and excellent reliability
- 155 Mbps maximum data rate
- Class 1 laser product compliant with EN 60825-1
- Easy plug-and-play installation
- MSA (Multi Source Agreement) compliant
- Hot pluggable
- Connector: 1x LC Simplex
- Wavelength: Tx 1310nm / Rx 1550nm
- Transmission Power: Minimum -15 dBm, Maximum -8 dBm
- Sensitivity Receiving Power: Minimum -32 dBm
- For a Distance of up to 20 km
- Suitable for 09/125µm Singlemode Fiber Cables
- Safe fast-locking mechanism
- 3.3V power supply



DN-81103



DN-81113



305705 / DN-81103

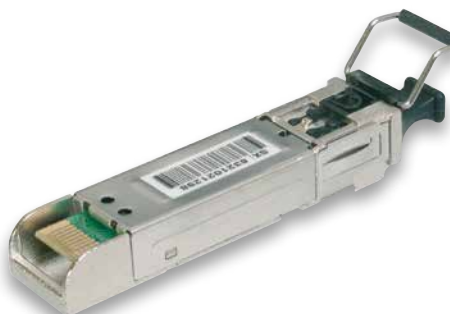
Mini GBIC (SFP) Module, 155 Mbps, 20 km

307624 / DN-81113

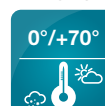
Industrial Mini GBIC (SFP) Module, 155 Mbps, 20 km

Mini GBIC (SFP) Module, 155 Mbps, 20 km

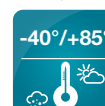
- Mini GBIC SFP (Small Form Factor Pluggable) module
- Bidirectional WDM Module - Only one fiber is needed
- High quality and excellent reliability
- 155 Mbps maximum data rate
- Class 1 laser product compliant with EN 60825-1
- Easy plug-and-play installation
- MSA (Multi Source Agreement) compliant
- Hot pluggable
- Connector: 1x LC Simplex
- Wavelength: Tx 1550nm / Rx 1310nm
- Transmission Power: Minimum -15 dBm, Maximum -8 dBm
- Sensitivity Receiving Power: Minimum -32 dBm
- For a Distance of up to 20 km
- Suitable for 09/125µm Singlemode Fiber Cables
- Safe fast-locking mechanism
- 3.3V power supply



DN-81104



DN-81114



305712 / DN-81104

Mini GBIC (SFP) Module, 155 Mbps, 20 km

307631 / DN-81114

Industrial Mini GBIC (SFP) Module, 155 Mbps, 20 km

Mini GBIC (SFP) Module, 1.25 Gbps, 0.55 km

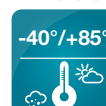
- Mini GBIC SFP (Small Form Factor Pluggable) module
- High quality and excellent reliability
- 1.25 Gbps Maximum Data Rate
- Compliant to IEEE 802.3z Gigabit Standard
- Class 1 laser product compliant with EN 60825-1
- Easy plug-and-play installation
- MSA (Multi Source Agreement) compliant
- Hot pluggable
- Connector: 1x LC Duplex
- 1000Base-SX - For Short Haul
- Wavelength: 850nm
- Transmission power: minimum -8 dBm, maximum -3 dBm
- Sensitivity Receiving Power: Minimum -20 dBm
- For a Distance of up to 0.55 km
- Suitable for 50/125µm and 62.5/125µm multimode fiber cables
- Safe fast-locking mechanism
- 3.3V power supply



DN-81000



DN-81010



305651 / DN-81000

Mini GBIC (SFP) Module, 1.25 Gbps, 0.55 km

307570 / DN-81010

Industrial Mini GBIC (SFP) Module, 1.25 Gbps, 0.55 km

Mini GBIC (SFP) Module, 1.25 Gbps, 20 km

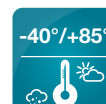
- Mini GBIC SFP (Small Form Factor Pluggable) module
- High quality and excellent reliability
- 1.25 Gbps Maximum Data Rate
- Compliant to IEEE 802.3z Gigabit Standard
- Class 1 laser product compliant with EN 60825-1
- Easy plug-and-play installation
- MSA (Multi Source Agreement) compliant
- Hot pluggable
- Connector: 1x LC Duplex
- 1000Base-LX - For Long Haul
- Wavelength: 1310nm
- Transmission power: minimum -8 dBm, maximum -3 dBm
- Sensitivity receiving power: minimum -24 dBm
- For a Distance of up to 20 km
- Suitable for 09/125µm Singlemode Fiber Cables
- Safe fast-locking mechanism
- 3.3V power supply



DN-81001



DN-81011



305668 / DN-81001

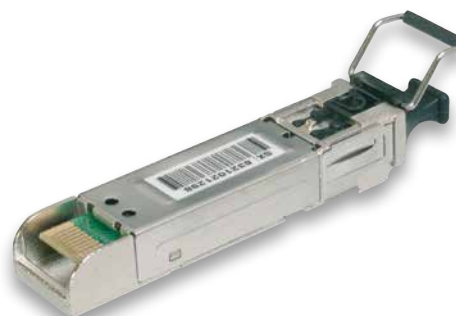
Mini GBIC (SFP) Module, 1.25 Gbps, 20 km

307587 / DN-81011

Industrial Mini GBIC (SFP) Module, 1.25 Gbps, 20 km

Mini GBIC (SFP) Module, 1.25 Gbps, 80 km

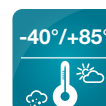
- Mini GBIC SFP (Small Form Factor Pluggable) module
- High quality and excellent reliability
- 1.25 Gbps Maximum Data Rate
- Compliant to IEEE 802.3z Gigabit Standard
- Class 1 laser product compliant with EN 60825-1
- Easy plug-and-play installation
- MSA (Multi Source Agreement) compliant
- Hot pluggable
- Connector: 1x LC Duplex
- 1000Base-ZX - For Long Haul
- Wavelength: 1550nm
- Transmission Power: Minimum 0 dBm, Maximum 5 dBm
- Sensitivity Receiving Power: Minimum -32 dBm
- For a Distance of up to 80 km
- Suitable for 09/125µm Singlemode Fiber Cables
- Safe fast-locking mechanism
- 3.3V power supply



DN-81002



DN-81012



305675 / DN-81002

Mini GBIC (SFP) Module, 1.25 Gbps, 80 km

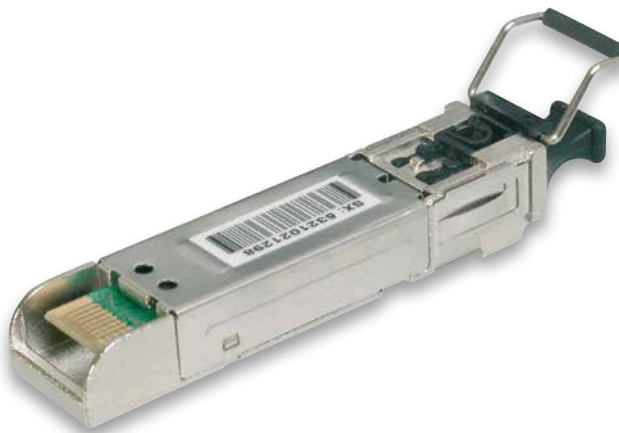
307594 / DN-81012

Industrial Mini GBIC (SFP) Module, 1.25 Gbps, 80 km

Mini GBIC (SFP) Module, 1.25 Gbps, 20 km

The plug and play fiber connection

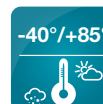
- Mini GBIC SFP (Small Form Factor Pluggable) module
- Bidirectional WDM Module - Only one fiber is needed
- High quality and excellent reliability
- 1.25 Gbps Maximum Data Rate
- Compliant to IEEE 802.3z Gigabit Standard
- Class 1 laser product compliant with EN 60825-1
- Easy plug-and-play installation
- MSA (Multi Source Agreement) compliant
- Hot pluggable
- Connector: 1x LC Simplex
- Wavelength: Tx 1310nm / Rx 1550nm
- Transmission Power: Minimum -5 dBm, Maximum 0 dBm
- Sensitivity receiving power: minimum -24 dBm
- For a Distance of up to 20 km
- Suitable for 09/125µm Singlemode Fiber Cables
- Safe fast-locking mechanism
- 3.3V power supply
- Suitable Module for Opposite Side: DN-81004



DN-81003



DN-81013



305682 / DN-81003

Mini GBIC (SFP) Module, 1.25 Gbps, 20 km

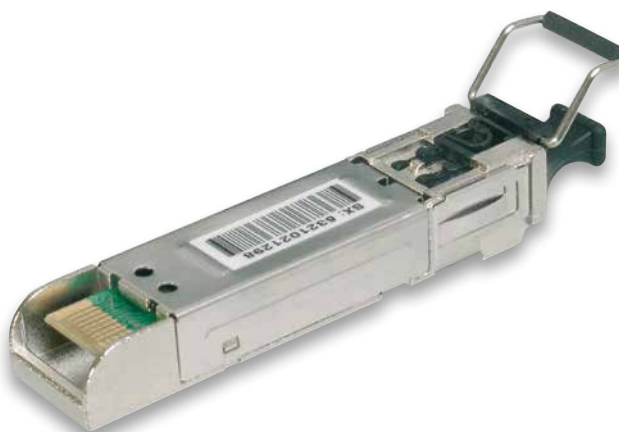
307600 / DN-81013

Industrial Mini GBIC (SFP) Module, 1.25 Gbps, 20 km

Mini GBIC (SFP) Module, 1.25 Gbps, 20 km

The plug and play fiber connection

- Mini GBIC SFP (Small Form Factor Pluggable) module
- Bidirectional WDM Module - Only one fiber is needed
- High quality and excellent reliability
- 1.25 Gbps Maximum Data Rate
- Compliant to IEEE 802.3z Gigabit Standard
- Class 1 laser product compliant with EN 60825-1
- Easy plug-and-play installation
- MSA (Multi Source Agreement) compliant
- Hot pluggable
- Connector: 1x LC Simplex
- Wavelength: Tx 1550nm / Rx 1310nm
- Transmission Power: Minimum -5 dBm, Maximum 0 dBm
- Sensitivity receiving power: minimum -24 dBm
- For a Distance of up to 20 km
- Suitable for 09/125µm Singlemode Fiber Cables
- Safe fast-locking mechanism
- 3.3V power supply
- Suitable Module for Opposite Side: DN-81003



DN-81004



DN-81014



305729 / DN-81004

Mini GBIC (SFP) Module, 1.25 Gbps, 20 km

307617 / DN-81014

Industrial Mini GBIC (SFP) Module, 1.25 Gbps, 20 km

Mini GBIC (SFP) Module, 10Gbps, 0.3 km

The plug and play fiber connection

- Mini GBIC SFP (Small Form Factor Pluggable) module
- High quality and excellent reliability
- 10 Gbps Maximum Data Rate
- Compliant to IEEE802.3ae 10 Gigabit Standard
- Class 1 laser product compliant with EN 60825-1
- Easy plug-and-play installation
- MSA (Multi Source Agreement) compliant
- Hot pluggable
- Connector: 1x LC Duplex
- Wavelength: 850nm
- Transmission Power: Minimum -5 dBm, Maximum -1 dBm
- Empfangssensitivität: Minimum -11,5 dBm
- For a distance of up to 0.3 km
- Safe fast-locking mechanism
- 3.3V power supply



324133 / DN-81200

Mini GBIC (SFP+) 10G Module, 0.3 km

Mini GBIC (SFP) Module, 10Gbps, 10.0 km

The plug and play fiber connection

- Mini GBIC SFP (Small Form Factor Pluggable) module
- High quality and excellent reliability
- 10 Gbps Maximum Data Rate
- Compliant to IEEE802.3ae 10 Gigabit Standard
- Class 1 laser product compliant with EN 60825-1
- Easy plug-and-play installation
- MSA (Multi Source Agreement) compliant
- Hot pluggable
- Connector: 1x LC Duplex
- Wavelength: 1310nm
- Transmission Power: Minimum -8 dBm, Maximum -0,5 dBm
- Sensitivity Receiving Power: Minimum -12,5 dBm
- For a distance of up to 10.0 km
- Safe fast-locking mechanism



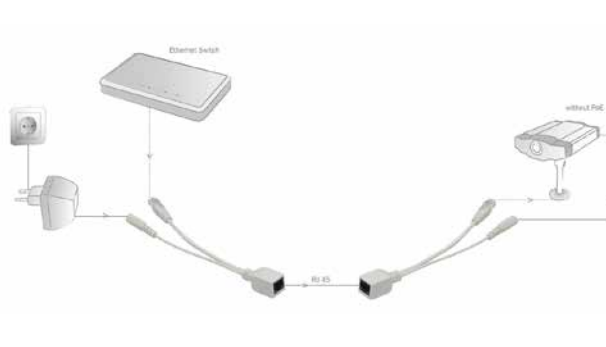
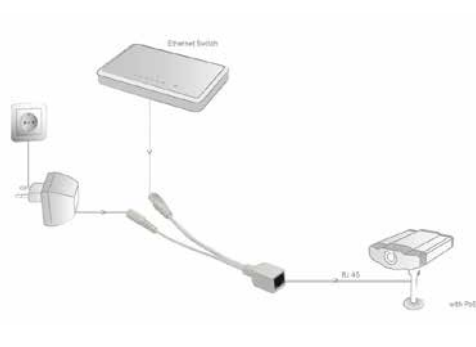
324140 / DN-81201

Mini GBIC (SFP) Modul, 10Gbps, 10.0 km

Passive PoE Cable Kit

Simplifies your Ethernet-enabled device installations by combining power and data onto one cable.

- 1x Incoming cable, featuring RJ45 plug, DC jack and RJ45 jack
- 1x Outgoing cable for the device, featuring RJ45 plug, DC plug and RJ45 jack
- Suitable for 5.5mm DC plugs
- Connection speed: 10/100 Mbit/s
- PVC coating
- RJ45 plug
- Assignment: 1/2/3/6 for data transfer, 4/5/7/8 for power supply

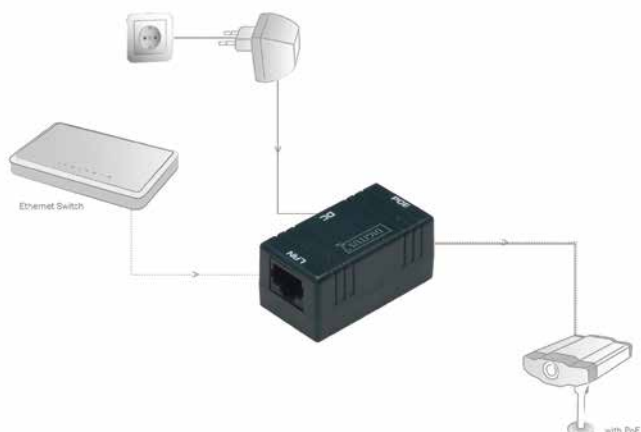


260240 / DN-95001
Passive PoE Cable Kit

Passive PoE Wall Mount Box

Simplifies your Ethernet-enabled device installations by combining power and data onto one cable.

- RJ45 LAN jack
- DC jack
- PoE (RJ45) jack
- Suitable for 5.5mm DC plugs
- Connection speed: 10/100 Mbit/s
- Pin Assignment: 1/2/3/6 for Network, 4/5/7/8 for Power Supply



260257 / DN-95002
Passive PoE Wall Mount Box

PoE Injector, 802.3af, 15.4 Watt

Reduce cabling for Wireless APs, IP Phone and any PoE-ready device.

- Complies with the 802.3af PoE standard
- 48V output voltage, 15.4 Watt
- LAN(RJ45) input jack
- LAN(RJ45) output jack
- Connection: 10/100 Mbit/s
- Each output port has output current limited, short-circuit protection, complete Powered Device (PD) detection and classification
- Own consumption: 1,6W max
- Operating system independent, supports e.g. Windows, Mac OS, Linux and Sun
- Operating Temperature: 0 to 40°C
- Storage temperature: -20 to 85°C



15.4 watt
PoE Power Budget

PoE
20

10/100
FAST
ETHERNET

279303 / DN-95102
PoE Injector, 802.3af, 15.4 Watt

PoE+ Injector, 802.3at, 30 Watt

Reduce cabling for Wireless APs, IP Phone and any PoE-ready device.

- Complies with the 802.3at PoE+ and the 802.3af PoE standard
- Easily merge of power and data cables into a single cable
- Extend your network to places where there are no power supply cables or sockets available
- no setup needed
- Supports all IEEE 802.3at-compliant PoE devices (such as access points, VoIP telephones, and IP cameras)
- Transmission range of up to 100 m – with an additional PoE extender, this can be increased to up to 400 m
- Internal consumption (full loaded): 7.0 W max.
- Input: 1x RJ-45 (data)
- Output: 1x RJ-45 (power and data)
- Data output: 100/100/1000 Mbps Gigabit
- Power output: 30 W
- Output voltage: 48 V DC
- Operating temperature range: -5 °C to +40 °C
- Dimensions: 140 mm x 63 mm x 32.5 mm
- Weight: 200g
- The output is equipped with a current limit, a short-circuit fuse and automatic terminal device recognition and classification.



30 watt
PoE Power Budget

10/100/1000
GIGABIT
ETHERNET

PoE
20



375951 / DN-95103-2
PoE+ Injector, 802.3at, 30 Watt

PoE Ultra Injector, 802.3at, 60 Watt

Reduce cabling for Wireless APs, IP Phone and any PoE-ready device.

- Complies with the 802.3at Ultra PoE and 802.3af PoE standards
- Easily merge of power and data cables into a single cable
- Extend your network to places where there are no power supply cables or sockets available
- no setup needed
- Supports all IEEE 802.3at-compliant PoE devices (such as access points, VoIP telephones, and IP cameras)
- Transmission range of up to 100 m – with an additional PoE extender, this can be increased to up to 400 m
- Own consumption: 1,6W max
- Internal consumption (full loaded): 10 W max.
- Input: 1x RJ-45 (data)
- Output: 1x RJ-45 (power and data)
- Data output: 100/100/1000 Mbps Gigabit
- Power output: 60 W
- Output voltage: 55 V DC
- Operating temperature range: -10 °C to +45 °C
- Dimensions: 193 mm x 85 mm x 41 mm
- Weight: 380 g
- The output is equipped with a current limit, a short-circuit fuse and automatic terminal device recognition and classification.



375944 / DN-95104

PoE Ultra Injector, 802.3at, 60 Watt

PoE Splitter, 802.3af, 15.4 Watt

Integrates Power over Ethernet technology to legacy network devices.

- Complies with the 802.3af PoE standard
- PoE(RJ45) input jack
- Selectable output voltages: 5V 2A, 7.5V 1.4A, 9V 1.2A and 12V 0.9A
- LAN(RJ45) output jack
- DC output jack, 2.5mm (plug / plug cable included in delivery)
- Connection: 10/100 Mbit/s
- Operating system independent, supports e.g. Windows, Mac OS, Linux and Sun



**15.4
watt**
PoE Power Budget



**10/100
FAST
ETHERNET**

279396 / DN-95202
PoE Splitter, 802.3af, 15.4 Watt

PoE Splitter, 802.3at, 27 Watt

Integrates Power over Ethernet technology to legacy network devices.

- Complies with the 802.3at PoE+ and the 802.3af PoE standard
- PoE(RJ45) input jack
- Selectable output voltages: 5V 4A, 7.5V 2.7A, 9V 2.3A and 12V 1.8A
- LAN(RJ45) output jack
- DC output jack, 2.5mm (plug / plug cable included in delivery)
- Connection: 10/100/1000 Mbit/s
- Operating system independent, supports e.g. Windows, Mac OS, Linux and Sun



**27
watt**
PoE Power Budget



**10/100/1000
GIGABIT
ETHERNET**

279402 / DN-95203
PoE Splitter, 802.3at, 27 Watt

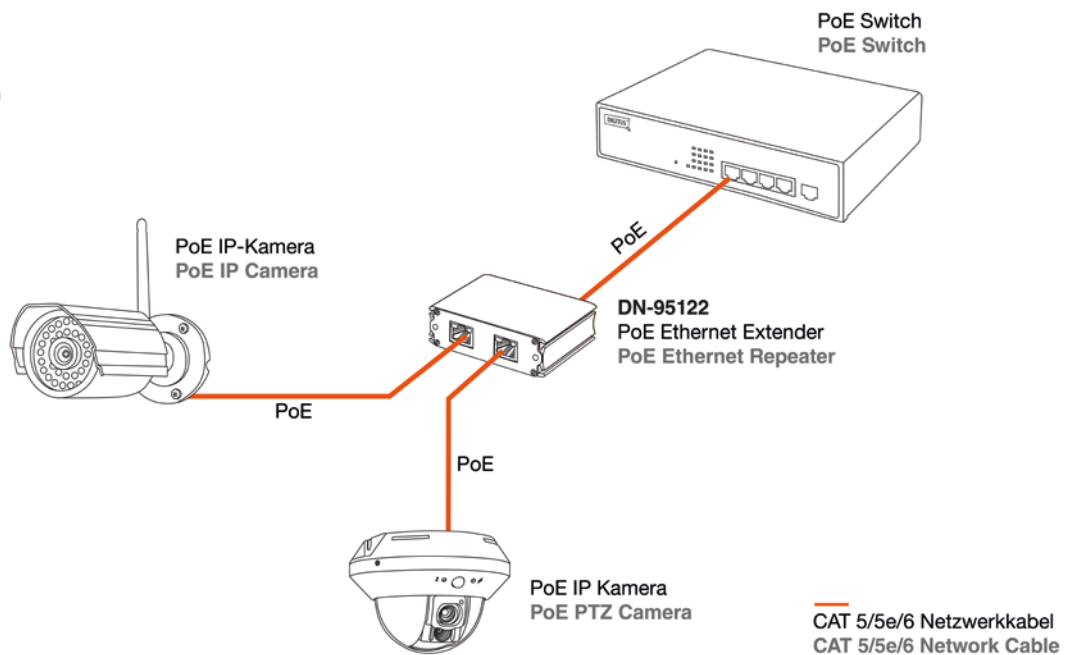
Fast Ethernet PoE+ Repeater with 1 Port 10/100Mbps in and 2 Port 10/100Mbps out



Extend your 100 m Ethernet signal up to 300 meters!

The DIGITUS® Fast Ethernet Repeater, uses the advanced network cable and power technology to extend your 100 m Ethernet signal up to 300 m. The DN-95122 is self powered by PoE, so there is no additional power supply on the Repeater side needed. This enables you to use the device even where no power lines or outlets are available. You can greatly extend the transmission distance and providing PoE at the same time. It is a perfect, inexpensive and time saving solution for security surveillance and network projects.

- Ethernet IEEE802.3 / 802.3u / IEEE802.3 at/at
- Ethernet Speed: 10/100Mbps Fast Ethernet
- Transmission distance up to 300 m
- PoE - Power over Ethernet
- No additional power supply necessary
- Operating Temperature: -40°C to 75°C
- Dimensions (L x W x H): 103 x 82 x 25mm
- Weight: 195g





Unmanaged 802.3af/at PoE Injector Hubs

8 Port PoE Midspan, 802.3af

Reduce cabling for Wireless APs, IP Phone and any PoE-ready device.

- Maximum Power Consumption of 130 Watt ensures full power for every connection
- Complies with the 802.3af PoE standard
- Input: 8x RJ45 ports with 10/100 Mbps
- Output: 8x RJ45 ports with 10/100 Mbps + PoE (15.4 Watt per port)
- Each output port has output current limited, short-circuit protection, complete Powered Device (PD) detection and classification
- Inclusive mounting accessories for rack installation
- Operating system independent, supports e.g. Windows, Mac OS, Linux and Sun



291961 / DN-95111
8 Port PoE Midspan, 802.3af

16 Port PoE Midspan, 802.3af

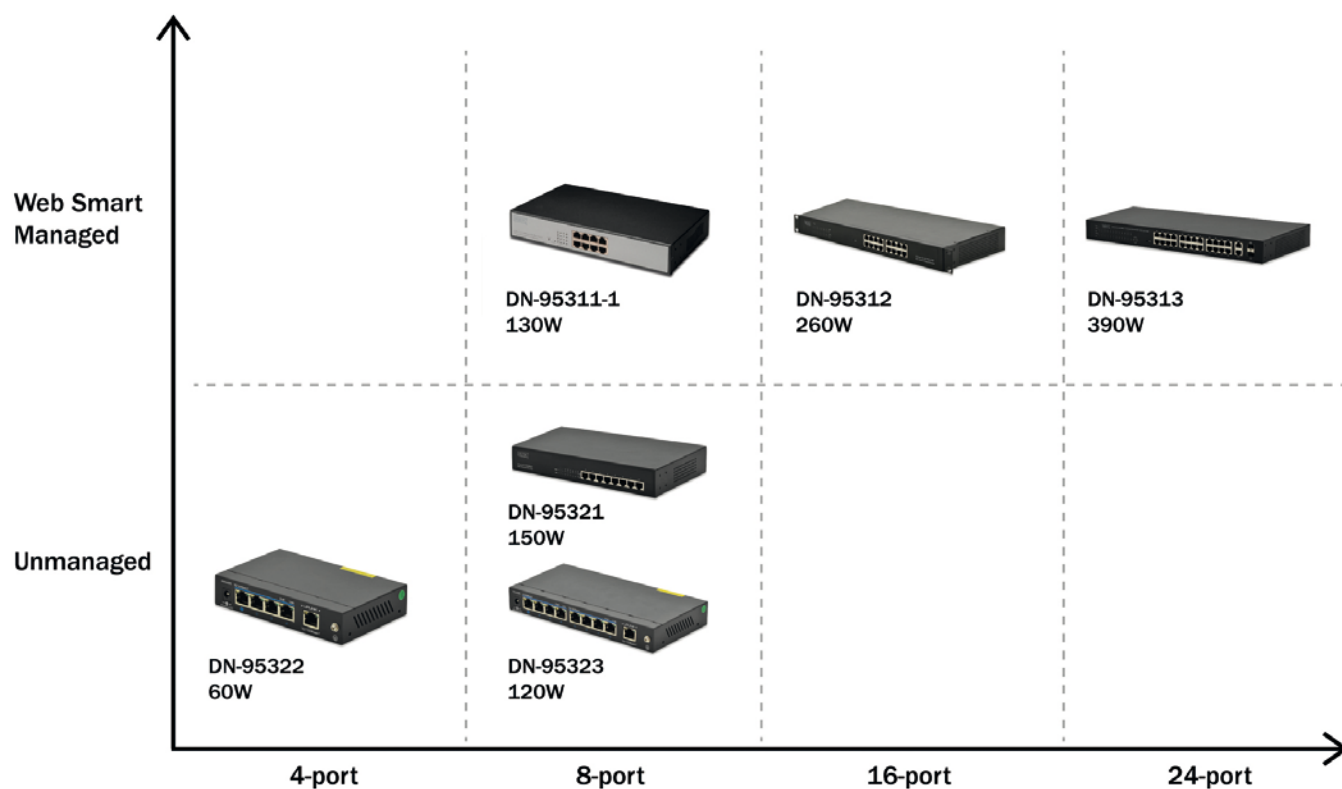
Reduce cabling for Wireless APs, IP Phone and any PoE-ready device.

- Maximum Power Consumption of 260 Watt ensures full power for every connection
- Complies with the 802.3af PoE standard
- Input: 16x RJ45 ports with 10/100 Mbps
- Output: 16x RJ45 ports with 10/100 Mbps + PoE (15.4 Watt per port)
- Each output port has output current limited, short-circuit protection, complete Powered Device (PD) detection and classification
- Inclusive mounting accessories for rack installation
- Operating system independent, supports e.g. Windows, Mac OS, Linux and Sun



291978 / DN-95113
16 Port PoE Midspan, 802.3af

DIGITUS® Fast Ethernet PoE af/at Switches

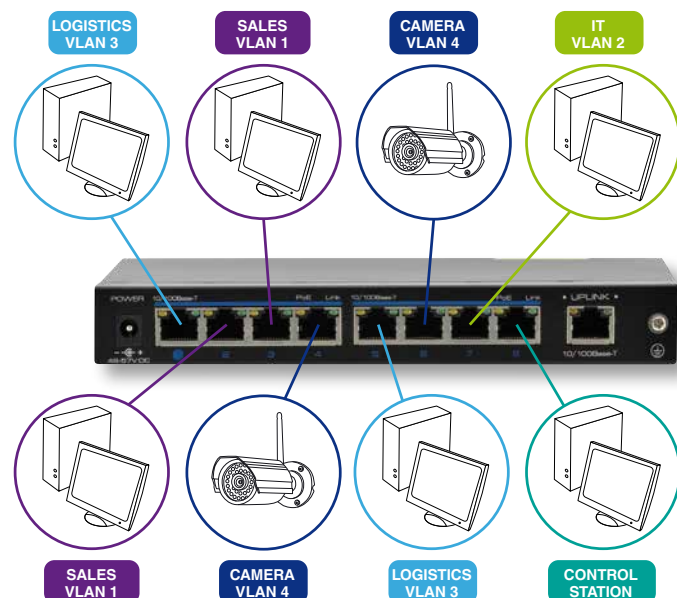


8 Port PoE Fast Ethernet Switch with VLAN configuration

Network Switch with integrated Power over Ethernet (PoE) solution for an optimal, cost effective and fast integration in small or medium-sized networks.

The DIGITUS® 8-Port Fast Ethernet Switch with 8 Power over Ethernet Ports provides your network a noticeable improvement in performance and efficiency. Thanks to PoE+ (30W) support, you only need one cable (network cable) for power and data transfer. This enables you to extend your network even where no power lines or outlets are available. The switch doesn't need a configuration so a fast and seamless integration into your network is guaranteed. With the integrated DIP switch, you can activate the VLAN mode (Virtual Local Area Network). By the port separation an optimal and time-saving identification of the connected devices (eg. IP-Network cameras) is possible without using a web interface.

- 8-Port 10/100Mbps Fast Ethernet Switch with Power over Ethernet (PoE)
- Ethernet IEEE802.3 / 802.3u / 802.3x / 802.1p / 802.1q / IEEE802.3 af/at
- Ethernet Speed: 10/100Mbps Fast Ethernet
- Power over Ethernet (PoE) - You only need one cable for power and data transfer
- With integrated DIP switch to enable the VLAN Mode
- The VLAN Modus ensures an optimal and fast identification of the connected devices for example IP-Networkcameras thanks to port separation
- Backplane Bandwidth: 1.8G
- No configuration necessary
- Maximum power: 120 Watt (with power supply)
- Operating Temperature: 0°C to 55°C
- Operating system independent, supports e.g. Windows, Mac OS and Sun
- Dimensions (L x W x H): 200mm x 105mm x 27mm
- Weight: 500g

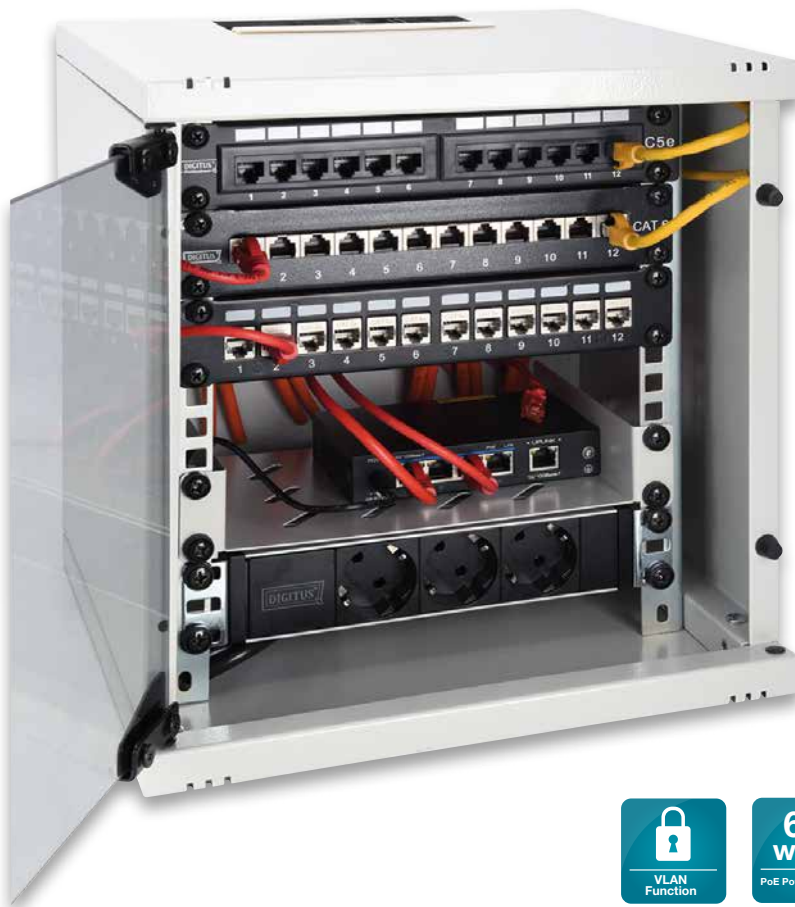


4 Port PoE Fast Ethernet Switch with VLAN configuration

Network Switch with integrated Power over Ethernet (PoE) solution for an optimal, cost effective and fast integration in small or medium-sized networks.

The DIGITUS® 4-Port Fast Ethernet Switch with 4 Power over Ethernet Ports provides your network a noticeable improvement in performance and efficiency. Thanks to PoE+ (30W) support, you only need one cable (network cable) for power and data transfer. This enables you to extend your network even where no power lines or outlets are available. The switch doesn't need a configuration so a fast and seamless integration into your network is guaranteed. With the integrated DIP switch, you can activate the VLAN mode (Virtual Local Area Network). By the port separation an optimal and time-saving identification of the connected devices (eg. IP-Network cameras) is possible without using a web interface.

- 4-Port 10/100Mbps Fast Ethernet Switch with Power over Ethernet (PoE)
- Ethernet IEEE802.3 / 802.3u / 802.3x / 802.1p / 802.1q / IEEE802.3 af/at
- Ethernet Speed: 10/100Mbps Fast Ethernet
- Power over Ethernet (PoE) - You only need one cable for power and data transfer
- Backplane Bandwidth: 1G
- With integrated DIP switch to enable the VLAN Mode
- The VLAN Modus ensures an optimal and fast identification of the connected devices for example IP-Networkcameras thanks to port separation
- No configuration necessary
- Maximum power: 60 Watt (with power supply)
- Operating Temperature: 0°C to 55°C
- Operating system independent, supports e.g. Windows, Mac OS, Linux and Sun
- Dimensions (L x W x H): 135mm x 103mm x 27mm
- Weight: 315 g



365303 / DN-95322
4 Port PoE Fast Ethernet Switch with VLAN configuration

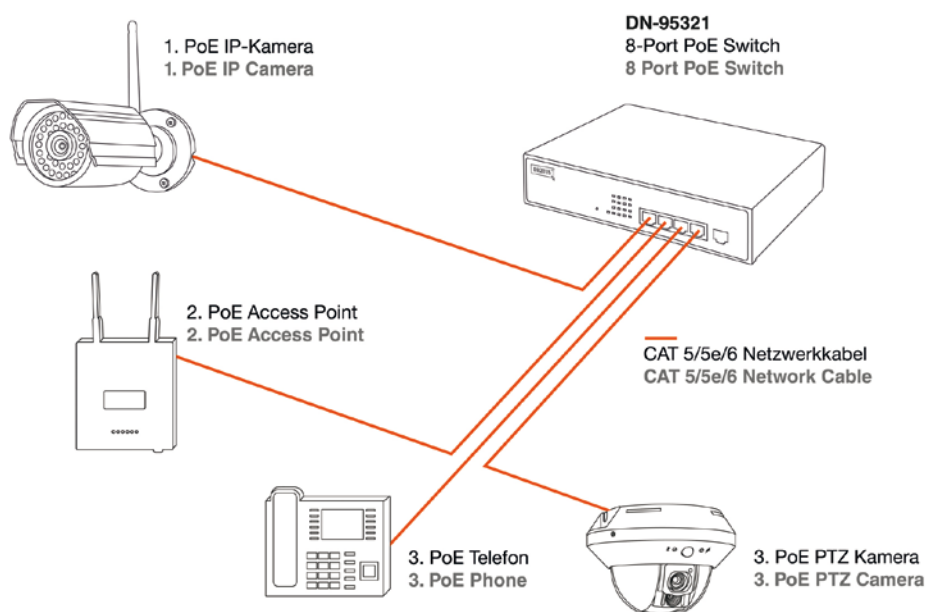
365310 / DN-95323
8 Port PoE Fast Ethernet Switch with VLAN configuration

8 Port PoE Fast Ethernet Switch

Integrated Power over Ethernet (PoE) for small and medium network environments.

The DIGITUS® 8-Port PoE Fast Ethernet Switch provides your network a noticeable improvement in performance and efficiency. The eight ports support IEEE 802.3af PoE function which simplifies the wiring. The switch doesn't need a configuration so a fast and seamless integration into your network is guaranteed.

- 8-Port 10/100BaseTX with 8-Port PoE
- PoE power output 48 V/DC, max. 15.4 W per port
- Maximum power consumption: 150 W
- Supported standards: IEEE 802.3x Flow Control, IEEE 802.3af Power over Ethernet (PoE)
- Store and forward technology
- Inclusive mounting accessories for rack installation
- Operating system independent, supports e.g. Windows, Mac OS, Linux and Sun



16 Port PoE Web Smart Fast Ethernet Switch

- 16-Port 10/100BaseTX with PoE
- PoE power output 48 V/DC, max. 15.4 W per port
- Supported standards: IEEE 802.3x Full-duplex and Flow Control, IEEE 802.3ad Trunk (Link Aggregation), IEEE 802.3af Power over Ethernet (PoE), IEEE 802.1Q VLAN, IEEE 802.1p Class of Service, IEEE 802.1x Port Based Network Access Control, IEEE 802.1d Spanning Tree Protocol, IEEE 802.1w Rapid Spanning Tree Protocol
- Store and forward technology
- Supports port configuration, port mirroring, bandwidth control, broadcast storm control
- PoE on/off setting via Web management
- VLAN setting port-based 8 groups / tag-based: 20 groups
- Trunk setting 2 groups (1 - 4 port for each group)
- QoS setting: up to 4 queues
- Supports MAC address filtering, TCP/UDP filtering
- Backup/ recovery configuration
- Inclusive mounting accessories for rack installation
- Operating system independent, supports e.g. Windows, Mac OS, Linux and Sun



279556 / DN-95312

16 Port PoE Web Smart Fast Ethernet Switch

24 Port PoE Web Smart Fast Ethernet Switch, Full Power

- 24-Port 10/100BaseTX with PoE
- 2-Port gigabit uplink, 2 shared SFP ports
- PoE power output 48 V/DC, max. 30 W per port
- Maximum power of 390 Watts ensures full power for every connection
- Supported standards: IEEE 802.3x Full-duplex and Flow Control, IEEE 802.3ad Trunk (Link Aggregation), IEEE 802.3af Power over Ethernet (PoE), IEEE 802.1Q VLAN, IEEE 802.1p Class of Service, IEEE 802.1d Spanning Tree Protocol
- Store and forward technology
- Supports port configuration, port mirroring, bandwidth control, broadcast storm control
- PoE on/off setting via Web management
- VLAN setting port-based 32 groups / tag-based: 26 groups
- Trunk setting 3 groups (1 - 4 port for each group)
- QoS support
- Supports MAC address filtering, TCP/UDP filtering
- Backup/ recovery configuration
- Inclusive mounting accessories for rack installation
- Operating system independent, supports e.g. Windows, Mac OS, Linux and Sun



291909 / DN-95313

24 Port PoE Web Smart Fast Ethernet Switch

Innovative. Intelligent. Secure.

Our security solutions

Security, protection of property, and protection from unauthorized access are just as important for companies as for private individuals.

Keep an eye on the things that are most important to you: With the DIGITUS® Plug&View IP cameras, private users can quickly and easily monitor the indoor and outdoor areas of their property from anywhere in the world using a specialized app.

The Professional camera series fulfills the highest quality requirements for an increased sense of security for commercial customers. Thanks to Wide Dynamic Range technology (WDR), the cameras also offer crystal-clear images even under unfavorable lighting conditions. Designed for indoor and outdoor areas, the different models comprise an intelligent monitoring system when combined with suitable network recorders.

Plug&View //

Keep an eye on the things that are most important to you – how DIGITUS® Plug&View works

The IP camera automatically establishes contact with the cloud server (**www.login.myDIGITUS.net**) once it has been activated in the network and an Internet connection is present. Now you can use an Internet browser or smartphone or tablet app to activate your user account to allow the cloud server to connect the camera to your mobile device.

After you have logged in to your user account at **www.login.myDIGITUS.net**, you can view all of the cameras that are registered to your name.

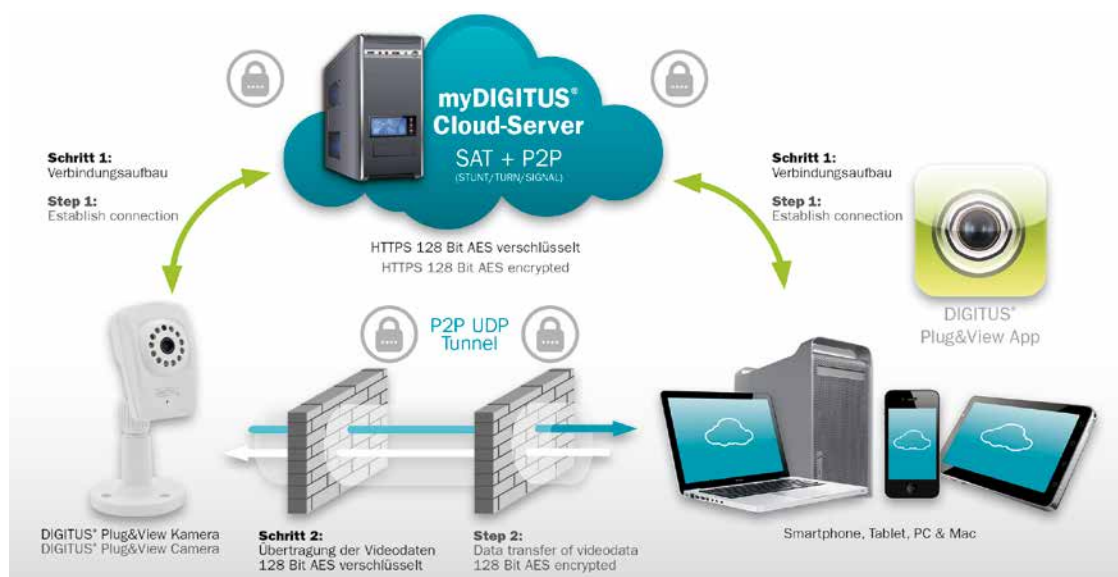
Click one of the cameras to select it. The cloud server displays the IP addresses of the devices you wish to connect.

The smartphone or table uses this information provided by the cloud server to establish a direct, secure tunnel connection to the camera. This prevents unauthorized third parties from viewing video content. No personal image information will be stored on the Internet. **This ensures that your data is secure.**

With your user account, you can configure your end device to store video data in the cloud on a 'Google Drive' account. This way, you can access recorded video on your personal account using an app or Internet browser.



The system provides you with the option of using **motion detection** to **record specific video data** or **trigger messages to be sent to your mobile device**. You can then access the recorded data at any time using an app or Internet browser.



Analog High Definition System //

The AHD system (analog HD) provides you with cutting-edge HD video surveillance at an affordable price.

The AHD systems are easy to install and start up. Coaxial cable is used to connect system components and preexisting cables can still be used for the new system. This makes it easy to replace old analog VGA systems with modern HD systems.

The cameras send an uncompressed, delay-free HD signal that allows you to reliably monitor your property around the clock. The recorders are equipped with VGA and HDMI connector, allowing you to view live images and recordings on your local display, either via a web browser or on the go using the 'DIGITUS® Recorder' app. The system offers you flexible access from anywhere in the world.



Wide Dynamic Range //

The WDR (Wide Dynamic Range) function of the DIGITUS® cameras corrects over-lit and under-lit areas in high-contrast environments to provide you with high-quality video material with optimized lighting and color.

The cameras are designed for high-contrast lighting conditions – such as you might find at airports, passport checkpoints, and casinos – where reliable identification is required. The cameras are therefore ideally suited for smart video analysis applications. DIGITUS® offers a number of cameras for different application areas, including an outdoor dome camera, two bullet cameras with adjustable lenses, an alternative dome model, and a high-speed dome camera with 20x zoom.



For special applications, the product portfolio includes a fisheye camera and a specially-certified small dome camera for transport-related applications. All cameras provide video and images in full HD resolution so that you can see even minute details.

The DIGITUS® network video recorder can be used to record video data. This allows you to create a comprehensive IP surveillance system.

Analog High Definition CCTV Network Video Recorder Kit

AHD Digital Video Recorder kit with 4 outdoor cameras, fixed lens

DN-16120 is a 4 channel Digital Video recorder kit with four outdoor cameras for high definition surveillance. It supports AHD cameras with 720p resolution as well as 960H analog cameras. The kit offers an ideal way to monitor several areas of your house or business. Have one camera focused on the entry, another on the garage and the third one on the back of your property. Enjoy the monitoring of you cameras locally via VGA or HDMI connection on your display. The recorder supports 4 channel 720p real time recording with motion detection, Alarm, time schedule and manual recording. Use the

USB interface or the local buttons to access and configure the Video Recorder. Backup and firmware upgrade is also supported by USB using USB pen drive or USB HDD. With RJ45 interface the Digital Video Recorder could be accessed over the network. A 3.5" SATA HDD with up to 4TB is could be integrated in the DVR. The bullet cameras are IP66 weatherproof and outdoor resistant with a supported temperature range from -20°C to +50°C. The cameras have a fixed 3.6mm lens and 24pcs IR Leds for day / night surveillance with a distance of 20m. Camera connection cables are included.

Recorder Specifications:

- Supports VGA, HDMI, CVBS Syn output
- Resolution 1920 x 1080
- Supports AHD and 960H cameras
- Supports zoom, preview and playback
- Support "One Key" recording
- Supports event search, picture search, playback and backup
- Support fast playback
- Image encoding: H.264
- Display image: PAL (625TVL, 50fps) / NTSC (525TVL, 60fps)
- Display mode: 4 CH 720p real time recording, 1 CH playback @30fps, 4 CH playback @15fps
- Motion detecton: each channel up to 192 (16x12) detection areas, sensitivity: 1-6
- Supports area mask
- Audio encoding: ADPCM, G711
- Recording mode: motion detection, alarm, time recording, manual
- Local playback: 4 CH playback
- Video output: VGA, HDMI, BNC
- Audio input: 4 channel
- Audio output: 1 channel
- Network: 1x 10/100Mbps RJ45 interface
- Control: standard RS485 interface
- HDD Interface: 1 x 3.5" SATA port, max. 4TB
- Power: DC 12V / 2A
- Power consumption: 12W
- Operating temperature: 0°C - 55°C
- Operate Humidity: 10%~90%
- Humidity: 10% - 90%

Camera Specifications:

- CMOS sensor
- Low illumination 0.01 Lux (F1.2, AGC ON), 0 Lux with IR
- Supports ICR, day & night function
- Supports automatic white balance, high color reduction, clear image
- Supports back light compensation
- Supports automatic electronic shutter
- Supports automatic electronic gain function
- IP66 housing design for outdoor use
- Operating temperature cameras: -20°C - +55°C



370635 / DN-16120

AHD Digital Video Recorder kit with 4 outdoor cameras, fixed lens

Plug&View OptiVision Pro

Your wireless Plug&View IP camera with simple installation and 1 megapixel resolution

This mini camera is the ideal entry-level model for anyone looking to increase their security at home. The OptiVision Pro packs excellent technology into the smallest possible space. Its shape is similar to a small magnifying glass. The 1-megapixel (720p) resolution ensures you receive excellent surveillance images and can keep an eye on your home at all times. This model is particularly mobile and can be installed using the free DIGITUS® Plug&View app. The micro USB power connector makes it possible to use the camera while on the go, for example, in combination with a replacement USB

battery such as ednet Power Bank. You can monitor your holiday home via smartphone or tablet, for example, while enjoying a party on the beach. Thanks to the 2-way audio function, the OptiVision Pro allows you to hear sounds from the monitored room and talk to people there. The 12 built-in infrared LED lights guarantee good images when it gets dark. The video images can be accessed via an Internet browser or the app on a tablet or smartphone. Installation of the mini camera can be completed in three short steps thanks to the proven Plug&View system. Everything is a breeze with DIGITUS® Plug&View.

- 1-megapixel video resolution (HD720 1280 x 720)
- Wi-Fi in accordance with the latest 11n standard for seamless transmission
- Supports the access point mode for carrying out simple installation via smartphone
- WPS (Wireless Protected Setup) feature provides easy, quick, and secure encryption for your wireless connection
- Video stream with low latency and network load thanks to H.264 compression format
- Powerful, mobile surveillance with support for iOS and Android devices
- Suitable for all common browsers
- Simple and quick installation with P2P support and QR code scanning
- Built-in infrared LEDs and infrared cut-off filters for day and night monitoring
- Supports up to 25 fps (frames per second)
- Supports microSD cards with up to 32 GB
- Powerful motion detection – automatically records and saves (motion) images via e-mail/FTP server
- Operating temperature: 0 °C – 40 °C
- Power Source (±10 %): DC 5 V / 1.0 A
- Dimensions (mm): 85.5 (L) x 33 (W) x 112.2 (H)
- Supports the DIGITUS® Plug&View app for smartphones and tablets
- Lens: F/1.2 1/2.8 mm
- Horizontal viewing angle: 85°
- Minimum Internet requirements: DSL 1000 (1,024 kbps download/384 kbps upload)
- Minimum requirements for smartphone access: 3G network connection



Plug&View OptiView Pro

Your wireless Plug&View IP camera with simple installation and 1 megapixel resolution

An IP camera with high resolution and a functional design is exactly what you need. The DIGITUS® Plug&View OptiView Pro is the big brother of OptiView (DN-16028) and impresses with a video resolution of 1 megapixel. The compact build of the OptiView Pro means it can be used almost anywhere, like on a cupboard or a book shelf. The installation is just as fast

and can be completed in three short steps: Simply scan the QR code with your smartphone or tablet to add the camera to your user account under login.mydigitus.net. You can access the images from your OptiView Pro using the DIGITUS® Plug&View app or directly via your browser. Everything is a breeze with DIGITUS® Plug&View.

- 1-megapixel video resolution (HD720 1280 x 720)
- Wi-Fi in accordance with the latest 11n standard for seamless transmission
- Video stream with low latency and network load thanks to H.264 compression format
- Powerful, mobile surveillance with support for iOS and Android devices
- Suitable for all common browsers
- Simple and quick installation with P2P support and QR code scanning
- Built-in infrared LEDs and infrared cut-off filters for day and night monitoring
- LAN speed: 10/100Base-TX Ethernet
- Supports up to 25 fps (frames per second)
- Supports microSD cards with up to 32 GB
- Powerful motion detection – automatically records and saves (motion) images via e-mail/FTP server
- Easy mounting with supplied fittings
- Operating temperature: 0 °C ~ 40 °C
- Power source (±10%): DC 5 V / 2 A
- Dimensions (mm): 40 (L) x 62.5 (W) x 97 (H)
- Supports the DIGITUS® Plug&View app for smartphones and tablets
- Lens: F/1.2 f/2.8 mm
- Horizontal viewing angle: 85°
- Minimum Internet requirements: DSL 1000 (1,024 kbps download/384 kbps upload)
- Minimum requirements for smartphone access: 3G network connection



Plug&View OptiPan

Your Plug&View IP camera with wireless LAN function, pan and tilt and mounting accessories for ceiling installation

Feel good in your own home and take a look in the home while being on vacation -this provides the DIGITUS® Plug&View OptiPan. Thanks to pan and tilt function you are able to look around in your home while you are traveling. The elegant globular IP camera can be mounted either on the ceiling or placed inconspicuously in the room. The necessary mounting hardware is included in package content. So the indoor camera for example monitors hallways, living room or nursery. With a video resolution of 2 megapixels,

the Plug&View OptiPan provides a convincing image quality. It also supports two-way audio, so „listening“ and „speaking“ -Ideal for the nursery or to drive away your dog off the couch while you are in the office. The installation of this camera, as in the entire Plug&View system, is quick and easy, and is done for example via QR code scanning. Call up the images directly via the free DIGITUS® Plug & View app. For a later viewing the images the storage of recorded video footage in a Google Drive account is offered.

- 2 megapixel video resolution (Full HD 1920 x 1080, HD720 1280 x 720)
- Remotely controlled pan and tilt function
- Wi-Fi in accordance with the latest 11n standard for seamless transmission
- Video stream with low latency and network load thanks to H.264 compression format
- Simple and quick installation with P2P support and QR code scanning
- Built-in infrared LEDs and infrared cut-off filters for day and night monitoring
- Supports 2-way audio
- Supports microSD cards with up to 32 GB
- LAN speed: 10/100Base-TX Ethernet
- Powerful, mobile surveillance with support for iOS and Android devices
- Suitable for all common browsers
- Detachable antenna
- Powerful motion detection – automatically records and saves (motion) images via e-mail/FTP server
- Supports up to 25fps video frame rate at HD720 and 15fps at Full HD
- Easy mounting with supplied fittings
- Horizontal pan up to 270°
- Vertical tilt up to 90°
- Operating temperature: 0 °C – 40 °C
- Power source (±10%): DC 5 V / 2 A
- Dimensions (mm): 100 (L) x 99 (W) x 118 (H)
- Supports the DIGITUS® Plug&View app for smartphones and tablets
- Lens: F1.5 / 3.6 mm
- Horizontal viewing angle: 69°
- WPS (Wireless Protected Setup) feature provides easy, quick, and secure encryption for your wireless connection
- Minimum Internet requirements: DSL 1000 (1,024 kbps download/384 kbps upload)
- Minimum requirements for smartphone access: 3G network connection



Plug&View OptiDome

Your wireless Plug&View IP dome camera with simple installation and 2 megapixels high resolution

The DIGITUS® Plug&View OptiDome belongs to the new DIGITUS® Plug&View generation. The dome-shaped design of the camera is as elegant as practical, making it ideal for indoor use. Mounted under the ceiling the indoor camera convinces with a 2 megapixel

video resolution. The simplistic design allows it to blend in perfectly with your home or office decoration. With DIGITUS® Plug&View technology the installation of your OptiDome is done in 3 easy steps. Everything just works with DIGITUS® Plug&View.

- 2 megapixel video resolution (Full HD 1920 x 1080, HD720 1280 x 720) Rev.2
- 2 megapixel video resolution (UXGA 1600 x 1200, HD720 1280 x 720)
- Video stream with low latency and network load thanks to H.264 compression format
- Powerful, mobile surveillance with support for iOS and Android devices
- Wi-Fi in accordance with the latest 11n standard for seamless transmission
- Suitable for all common browsers
- Simple and quick installation with P2P support and QR code scanning
- Built-in infrared LEDs and infrared cut-off filters for day and night monitoring
- LAN speed: 10/100Base-TX Ethernet
- Powerful motion detection – automatically records and saves (motion) images via e-mail/FTP server
- Supports up to 25fps video frame rate at HD720 and 15fps at UXGA
- Supports up to 25fps video frame rate at HD720 and 15fps at Full HD (Rev.2)
- Integrated 2 GB storage for recording videos and snapshots
- Operating temperature: 0 °C ~ 40 °C
- Power source (±10 %): DC12 V / 1 A
- Dimensions (mm): 115 (L) x 115 (W) x 90 (H)
- Supports the DIGITUS® Plug&View app for smartphones and tablets
- Lens: F1.5 / 3.6 mm
- Horizontal viewing angle: 69°
- WPS (Wireless Protected Setup) function provides fast, easy, and secure wireless encryption (Rev.2)
- Minimum Internet requirements: DSL 1000 (1,024 kbps download/384 kbps upload)
- Minimum requirements for smartphone access: 3G network connection



Plug&View OptiGuard

Your Plug&View IP camera with outdoor-appropriate IP66-housing and simple installation

This IP camera from the Plug&View Series of DIGITUS® is the new guardian for your garden, garage yard or entrance area. The OptiGuard is thanks to its IP66-housing ideally suited for outdoor use. It is as narrow as inconspicuous and gives you a focused view on lonely corners or potential entrances on your property. The 2-megapixel CMOS sensor with infrared LEDs provides superior video resolution day and night. So you can

go sleep in peace. The Plug&View camera is compatible with PC, notebook, and thanks to the free DIGITUS® Plug&View app also with a tablet or smartphone, which enables you to retrieve the surveillance images on the road at any time. The installation is performed easily and quickly for example via QR code scanning. The camera can be operated wirelessly over wireless LAN, the latest 11n standard ensures a liquid transfer.

- 2 megapixel video resolution (Full HD 1920 x 1080, HD720 1280 x 720)
- IP66 housing design for outdoor use
- Integrated 2 GB storage for recording videos and snapshots
- Wi-Fi in accordance with the latest 11n standard for seamless transmission
- Video stream with low latency and network load thanks to H.264 compression format
- Simple and quick installation with P2P support and QR code scanning
- Powerful, mobile surveillance with support for iOS and Android devices
- Built-in infrared LEDs and infrared cut-off filters for day and night monitoring
- LAN speed: 10/100Base-TX Ethernet
- Suitable for all common browsers
- Easy mounting with supplied fittings
- Powerful motion detection – automatically records and saves (motion) images via e-mail/FTP server
- Supports up to 25fps video frame rate at HD720 and 15fps at Full HD
- Operating temperature: -20 to +60 °C
- Power source (±10 %): DC12 V / 1 A
- Supports the DIGITUS® Plug&View app for smartphones and tablets
- Lens: F1.5 / 3.6 mm
- Horizontal viewing angle: 69°
- WPS (Wireless Protected Setup) feature provides easy, quick, and secure encryption for your wireless connection
- Minimum Internet requirements: DSL 1000 (1,024 kbps download/384 kbps upload)
- Minimum requirements for smartphone access: 3G network connection
- Dimensions (mm): 180 (L) x 60 (W) x 65 (H)



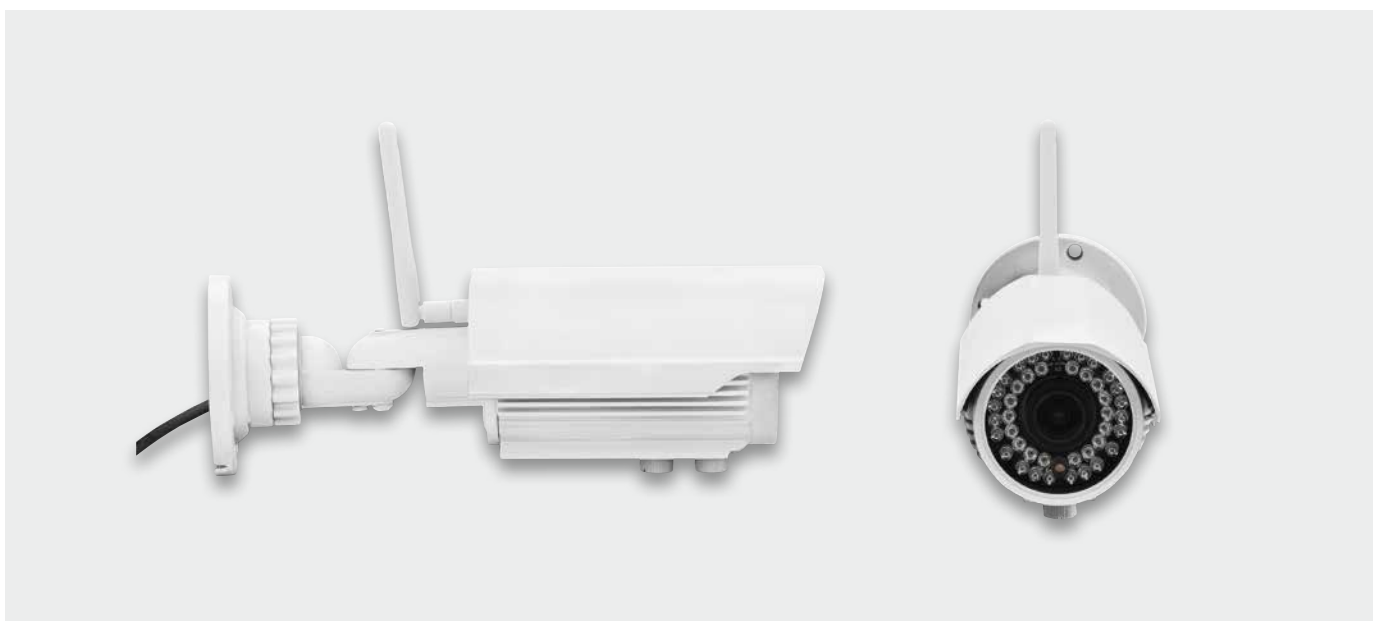
Plug&View OptiVario

Your wireless outdoor Plug&View IP camera with IP66 housing and optical zoom

The small DIGITUS® Plug&View OptiVario is a professional IP camera for rooms, halls and outdoor areas surveillance. The camera has optical zoom, to be set directly on the camera. Adapt your security camera directly to the monitored area. An included mounting kit supports a professional and simple installation. The IP66 enclosure ensures maximum

weather protection and the camera's fast wireless LAN delivers smooth image and video quality to your smart phone/tablet or PC. With DIGITUS® Plug&View technology the installation of your OptiVario is done in 3 easy steps. Everything just works with DIGITUS® Plug&View.

- 2 megapixel video resolution (UXGA 1600 x 1200, HD720 1280 x 720)
- 2 megapixel video resolution (Full HD 1920 x 1080, HD720 1280 x 720) Rev.2
- Video stream with low latency and network load thanks to H.264 compression format
- Powerful, mobile surveillance with support for iOS and Android devices
- Wi-Fi in accordance with the latest 11n standard for seamless transmission
- IP66 housing design for outdoor use
- Suitable for all common browsers
- Simple and quick installation with P2P support and QR code scanning
- Built-in infrared LEDs and infrared cut-off filters for day and night monitoring
- LAN speed: 10/100Base-TX Ethernet
- Supports up to 25fps video frame rate at HD720 and 15fps at UXGA
- Supports up to 25fps video frame rate at HD720 and 15fps at Full HD (Rev.2)
- Integrated 2 GB storage for recording videos and snapshots
- Powerful motion detection – automatically records and saves (motion) images via e-mail/FTP server
- Easy mounting with supplied fittings
- Operating temperature -20 to +50 °C
- Power source (±10 %): DC12 V / 1 A
- PoE - Power over Ethernet (Mode A)
- Dimensions (mm): 90(L) x 70(W) x 235 (H)
- Supports the DIGITUS® Plug&View app for smartphones and tablets
- Optical zoom lens: F1.4 / 2.8-12 mm
- Adjustable horizontal viewing angle: 20° - 65°
- WPS (Wireless Protected Setup) function provides fast, easy, and secure wireless encryption (Rev.2)
- Minimum Internet requirements: DSL 1000 (1,024 kbps download/384 kbps upload)
- Minimum requirements for smartphone access: 3G network connection



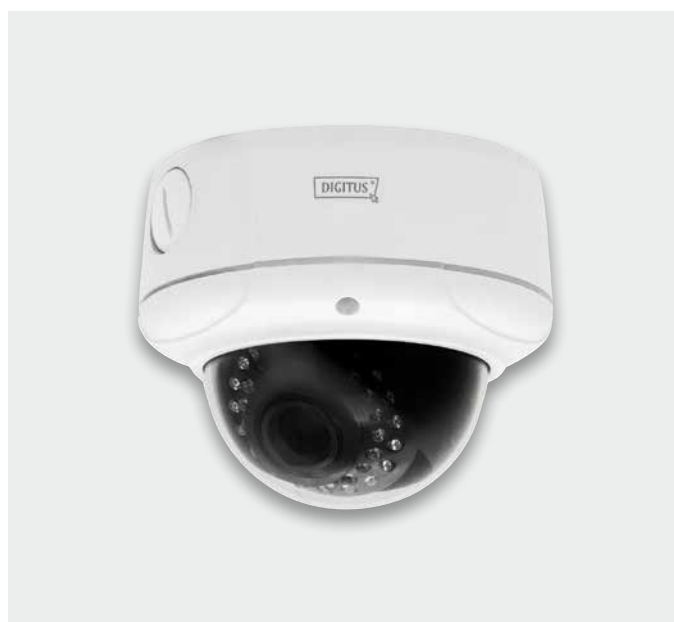
Plug&View OptiDome Pro

Your wireless outdoor Plug&View IP camera with IP66 housing and optical zoom

More safety for your home. The DIGITUS® Plug&View OptiDome Pro is part of the new DIGITUS® Plug&View generation and was designed specifically for outdoor use. The plastic dome including the bordering is extremely shock-resistant and protected against sabotage. Consider to mount OptiDome under the ceiling of small warehouses or your

carport. Equipped with infrared LEDs the weatherproof camera provides the optimal day & night surveillance. Always have an eye on what is important. With DIGITUS® Plug&View technology the installation of your OptiDome Pro is done in 3 easy steps. Everything just works with DIGITUS® Plug&View.

- 2 megapixel video resolution (UXGA 1600 x 1200, HD720 1280 x 720)
- 2 megapixel video resolution (Full HD 1920 x 1080, HD720 1280 x 720) Rev.2
- Video stream with low latency and network load thanks to H.264 compression format
- Powerful, mobile surveillance with support for iOS and Android devices
- Wi-Fi in accordance with the latest 11n standard for seamless transmission
- IK10 vandal-proof protection
- IP66 housing design for outdoor use
- Suitable for all common browsers
- Simple and quick installation with P2P support and QR code scanning
- Built-in infrared LEDs and infrared cut-off filters for day and night monitoring
- LAN speed: 10/100Base-TX Ethernet
- Supports up to 25fps video frame rate at HD720 and 15fps at UXGA
- Supports up to 25fps video frame rate at HD720 and 15fps at Full HD (Rev.2)
- Integrated 2 GB storage for recording videos and snapshots
- Powerful motion detection – automatically records and saves (motion) images via e-mail/FTP server
- Operating temperature: -10 °C ~ +50 °C
- Power source (±10 %): DC12 V / 1 A
- PoE - Power over Ethernet (Mode A)
- Dimensions (mm): 140 (L) x 140 (W) x 110 (H)
- Supports the DIGITUS® Plug&View app for smartphones and tablets
- Optical zoom lens: F1.4 / 2.8-12 mm
- Adjustable horizontal viewing angle: 20° - 65°
- WPS (Wireless Protected Setup) function provides fast, easy, and secure wireless encryption (Rev.2)
- Minimum Internet requirements: DSL 1000 (1,024 kbps download/384 kbps upload)
- Minimum requirements for smartphone access: 3G network connection



Plug&View OptiZoom Pro

Your wireless Plug&View IP camera with pan and tilt function, IP66 housing and optical zoom

The Plug & View OptiZoom Pro secures your outdoor area. Whether placed in the garage yard, garden or in the driveway, the OptiZoom Pro is very robust and the largest model of the current Plug & View camera series. The camera is in a safe and stable housing, thanks to the IP66 protection class. Thus it is splash-proof. The lens offers a viewing angle of 30.8 to 95.9 degrees. Equipped with a resolution of 2 megapixels, the OptiZoom Pro provides excellent surveillance images, which you can access, of course, through the browser or app on your smartphone or tablet. Six IR LEDs provide good visibility even in

the dark, the range here is 30 meters. The 4-times optical zoom helps you to optimally adjust your camera to the monitored area. The power can also be provided with high POE. Thus, the camera can also be operated without additional power supply. This camera model is ideal for homeowners or small businesses that want to have their own property in view. The installation is done, as with all Plug & View models in three easy steps. Everything works easily with Plug & View.

- 2 megapixel video resolution (Full HD 1920 x 1080, HD720 1280 x 720)
- Video stream with low latency and network load thanks to H.264 compression format
- Powerful, mobile surveillance with support for iOS and Android devices
- Wi-Fi in accordance with the latest 11n standard for seamless transmission
- IK10 vandal-proof protection
- IP66 housing design for outdoor use
- Suitable for all common browsers
- Simple and quick installation with P2P support and QR code scanning
- Built-in infrared LEDs and infrared cut-off filters for day and night monitoring
- Pan and tilt camera controllable by different network devices
- LAN speed: 10/100Base-TX Ethernet
- Supports up to 25fps video frame rate at HD720 and 15fps at Full HD
- Integrated 2 GB storage for recording videos and snapshots
- Powerful motion detection – automatically records and saves (motion) images via e-mail/FTP server
- Operating temperature: -10 °C ~ +50 °C
- Power source (±10 %): DC12 V / 2 A
- High PoE - High Power over Ethernet (PoE+)
- Dimensions (mm): 235 (L) x 190 (W) x 140 (H)
- Supports the DIGITUS® Plug&View app for smartphones and tablets
- 4 times optical zoom, adjustable via DIGITUS® Plug&View app or under mydigitus.net
- Optical zoom lens: F1.4 / 2.8-12 mm
- Adjustable horizontal viewing angle: 30.8° - 95.5°
- WPS (Wireless Protected Setup) feature provides easy, quick, and secure encryption for your wireless connection
- Minimum Internet requirements: DSL 1000 (1,024 kbps download/384 kbps upload)
- Minimum requirements for smartphone access: 3G network connection



Plug&View Network Video Recorder

The perfect addition to your Plug&View cameras! Your Plug&View NVR with easy installation by simply scanning the QR code

The DIGITUS® Plug&View NVR is a network video recorder, recording, storing and displaying live images from up to four Plug&View cameras simultaneously on a monitor or flat screen TV. The small and unobtrusive device is a convenient and innovative addition to the Plug&View system. The recorder can be set up as quickly and easily as the Plug&View cameras by scanning the QR code. It automatically detects up to four

Plug&View cameras integrated in the network and is immediately operational. Thanks to its HD video interface the camera images can be displayed on a monitor or any modern flat screen TV. With the DIGITUS® Recorder app you can see the live camera images and recordings of your NVR on your smartphone or tablet anywhere and at any time.

- Full HD audio/video transmission (1080p)
- 4 channel live view at local display with 1080p Full HD HDMI output
- Record of up to 4 cameras with 25fps @ 720p
- Local user interface supported for liveview, playback and configuration setup via VGA or HDMI monitor
- LAN(RJ45) input jack
- LAN speed: 10/100Base-TX Ethernet
- HDD Interface: 1 x 3.5" internal SATA port
- Video compression format: H.264
- Recording: scheduled recording
- Watch live stream via app from everywhere
- The NVR is particularly tuned to the Plug&View system and can only be used with the Plug&View cameras.
- Operating temperature: -10°C ~ 50°C
- Power source (±10 %): DC12V / 2 A



329886 / DN-16150
Plug&View Network Video Recorder, without harddisk

378150 / DN-16150_1
Plug&View Network Video Recorder, 1TB harddisk

378167 / DN-16150_2
Plug&View Network Video Recorder, 2TB harddisk

Full HD WDR IP Network Indoor fixed Dome Camera

With the DIGITUS® WDR camera range using SONY sensor, every pixel of the image is processed for optimal exposure and color reproduction. In high contrast scenes, most over or under exposed areas are corrected, producing usable video. DIGITUS® WDR cameras are designed for high-contrast lighting conditions, where high quality identification is needed, such as airports, passport controls and casinos and so ideal for intelligent video analysis applications. The DIGITUS® WDR indoor fixed Dome camera comes with 4 megapixel resolution and supports 1080p with 60 frames for high-quality video, real-time viewing and removable infrared cut filter and 4 solid light LED

for delivering low-noise images in total darkness at a distance of up to 30 meters. With 802.3af compliant PoE there is no need to install the camera near a power source, power and data are received through only one single Ethernet cable. The DIGITUS® WDR camera is equipped with a built-in microSD/SDHC card slot for local storage. With 3-axis mechanical design, it offers a flexible installation for all applications. With the H.264 codec the camera transfers High Definition data through LAN and Internet without distortion.

- Image Sensor: 1/3" Progressive CMOS
- Effective Pixels: 4 Megapixel (2688 x 1520)
- Minimum Illumination: 0.1 lux
- White Balance: Manual / AWB / ATW
- Shutter Speed: 1 ~ 1/10000 sec.
- Focal Length: 2.3mm
- F Number: F2.0
- FOV: 127°
- Wide Dynamic Range: Shutter WDR (96dB)
- Privacy Mask: On/Off
- Brightness: Manual
- Exposure: Auto / Manual
- Sharpness: Manual
- Contrast: Manual
- Saturation: Manual
- Hue: Manual
- Digital Zoom: Supported
- Number of Built-in LEDs: 4
- Working Distance (night): up to 30m
- Motion Detection: On / Off / By schedule
- Privacy Mask Typ: Color
- Tampering Alarm: On / Off / By schedule
- Interface: RJ-45, 10/100/1000 Mbps Ethernet (Gigabit Ethernet)
- Event Notification: HTTP / FTP / SMTP
- Storage: Supports microSD up to 32GB
- User Accounts: up to 20
- Password Levels: User and Administrator
- Operating Temperatur: -10°C to + 50°C
- IP66 housing design for outdoor use
- Dimensions: 117 x 84 mm
- Weight: 280g
- Power Source: DC 12V / AC 24V / PoE
- Power Consumption: 13 Watt



369011 / DN-16081-1

Full HD WDR IP Network Indoor fixed Dome Camera

Full HD WDR Mini IP fixed Dome Camera

With the DIGITUS® WDR camera range using SONY Exmor sensor, every pixel of the image is processed for optimal exposure and color reproduction. In high contrast scenes, most over or under exposed areas are corrected, producing usable video. DIGITUS® WDR cameras are designed for high-contrast lighting conditions, where high quality identification is needed, such as airports, passport controls and casinos and so ideal for intelligent video analysis applications. The DIGITUS® WDR fixed Dome camera comes with 1080p Full HD for high-quality video and real-time viewing. With 802.3 af compliant PoE there is no need to install the camera near a power source, power and data are

received through only one single Ethernet cable. The DIGITUS® WDR camera is equipped with a built-in microSD/SDHC card slot for local storage. With the H.264 codec the camera transfers High Definition data through LAN and Internet without distortion. ONVIF (Profile S) compliance ensures hassle-free, flexible system integration. DN-16086 is a cost-effective surveillance solution for installations that require excellent picture quality at minimal bandwidth. Their simple yet solid, low-profile design is ideal for discreet installations where space is limited. Installation and setup is simple, quick and easy, with a factory-focused lens and a simple PoE connection.

- Image Sensor: 1/2.8 " Sony Progressive CMOS
- Effective Pixels: 2 Megapixel (1920 x 1080)
- Minimum Illumination: 0.05 lux
- White Balance: Manual / AWB / ATW
- Shutter Speed: 1 ~ 1/10000 sec.
- Focal Length: 3.6 mm
- F Number: 1.8
- FOV: 78°
- Wide Dynamic Range: Shutter WDR (96dB)
- Privacy Mask: On/Off
- Brightness: Manual
- Exposure: Auto / Manual
- Sharpness: Manual
- Contrast: Manual
- Saturation: Manual
- Hue: Manual
- Digital Zoom: Supported
- Motion Detection: On / Off / By schedule
- Privacy Mask Typ: Color
- Tampering Alarm: On / Off / By schedule
- Network Failure Detection: by schedule / On / Off
- Digital Image Stabilisation: On / Off
- Interface: RJ-45, 10/100/1000 Mbps Ethernet (Gigabit Ethernet)
- Event Notification: HTTP / FTP / SMTP
- Storage: Supports microSD up to 32GB
- User Accounts: up to 20
- Password Levels: User and Administrator
- Operating Temperatur: -10°C to + 50°C
- Dimensions: 110.2 x 47.7 mm
- Weight: 180g
- Power Source: PoE (Power over Ethernet)
- Power Consumption: 4.2 Watt



339229 / DN-16086

Full HD WDR Mini IP fixed Dome Camera



Professional IP Cameras

Full HD WDR IP Network Outdoor fixed Dome Camera

With the DIGITUS® WDR camera range using SONY Exmor sensor, every pixel of the image is processed for optimal exposure and color reproduction. In high contrast scenes, most over or under exposed areas are corrected, producing usable video. DIGITUS® WDR cameras are designed for high-contrast lighting conditions, where high quality identification is needed, such as airports, passport controls and casinos and so ideal for intelligent video analysis applications. The DIGITUS® WDR outdoor vandal proof Dome camera comes with 4 megapixel and 1080p with 60 frames for high-quality video, real-time viewing, removable infrared cut filter and 6 solid light LEDs for delivering low-noise

images in total darkness at a distance of up to 40 meters. The camera is designed with IP66 weatherproof outdoor housing and IK10 vandal-proof. With 802.3af compliant PoE there is no need to install the camera near a power source, power and data are received through only one single Ethernet cable. The DIGITUS® WDR camera is equipped with a built-in microSD/SDHC card slot for local storage. With 3-axis mechanical design, it offers a flexible installation for all applications. With the H.264 codec the camera transfers High Definition data through LAN and Internet without distortion.

- Image Sensor: 1/3" Progressive CMOS
- Effective Pixels: 4 Megapixel (2688 x 1520)
- Minimum Illumination: 0.1 lux
- White Balance: Manual / AWB / ATW
- Shutter Speed: 1 ~ 1/10000 sec.
- Focal Length: 3-9mm motorized
- F Number: F1.7
- FOV: Wide 109° / Tele 33°
- Wide Dynamic Range: Shutter WDR (96dB)
- Privacy Mask: On/Off
- Brightness: Manual
- Exposure: Auto / Manual
- Contrast: Manual
- Saturation: Manual
- Hue: Manual
- Digital Zoom: Supported
- Number of Built-in LEDs: 6
- Working Distance (night): up to 40m
- Motion Detection: On / Off / By schedule
- Privacy Mask Typ: Color
- Tampering Alarm: On / Off / By schedule
- Interface: RJ-45, 10/100/1000 Mbps Ethernet (Gigabit Ethernet)
- Event Notification: HTTP / FTP / SMTP
- Storage: Supports microSD up to 32GB
- User Accounts: up to 20
- Password Levels: User and Administrator
- Operating Temperatur: -10°C to + 50°C
- IP66 housing design for outdoor use
- Dimensions: 133.8 x 117.4 mm
- Weight: 725g
- Power Source: PoE (Power over Ethernet)
- Power consumption: 12.85 Watt



369004 / DN-16082-1

Full HD WDR IP Network Outdoor fixed Dome Camera

Full HD WDR IP Outdoor Mini Bullet Camera

With the DIGITUS® WDR camera range using SONY Exmor sensor, every pixel of the image is processed for optimal exposure and color reproduction. In high contrast scenes, most over or under exposed areas are corrected, producing usable video. DIGITUS® WDR cameras are designed for high-contrast lighting conditions, where high quality identification is needed, such as airports, passport controls and casinos and so ideal for intelligent video analysis applications. The DIGITUS® WDR mini outdoor vari-focal Bullet camera comes with 1080p Full HD for high-quality video, real-time viewing, removable

infrared cut filter and 3 solid light LEDs for delivering low-noise images in total darkness at a distance of up to 25 meters. The camera is designed with IP66 weatherproof outdoor housing for protecting the camera against rain and dust. With 802.3af compliant PoE there is no need to install the camera near a power source, power and data are received through only one single Ethernet cable. The DIGITUS® WDR camera is equipped with a built-in microSD/SDHC card slot for local storage. With the H.264 codec the camera transfers High Definition data through LAN and Internet without distortion.

- Image Sensor: 1/2.8", Sony Progressive CMOS
- Effective Pixels: 2 Megapixel (1920 x 1080)
- Minimum Illumination: 0.1 lux
- White Balance: Manual / AWB / ATW
- Shutter Speed: 1 ~ 1/10000 sec.
- Focal Length: 3-10.5mm Vario-focal lens
- F Number: F1.4
- FOV: Wide 92.2° / Tele 31.9°
- Wide Dynamic Range: Shutter WDR (96dB)
- Privacy Mask: On/Off
- Brightness: Manual
- Exposure: Auto / Manual
- Sharpness: Manual
- Contrast: Manual
- Saturation: Manual
- Hue: Manual
- Digital Zoom: Supported
- Number of Built-in LEDs: 3
- Working Distance (night): up to 25m
- Motion Detection: On / Off / By schedule
- Privacy Mask Typ: Color
- Tampering Alarm: On / Off / By schedule
- Digital Image Stabilisation: On / Off
- Network Failure Detection: by schedule / On / Off
- Interface: RJ-45, 10/100/1000 Mbps Ethernet (Gigabit Ethernet)
- Event Notification: HTTP / FTP / SMTP
- Storage: Supports microSD up to 32GB
- User Accounts: up to 20
- Password Levels: User and Administrator
- Operating Temperatur: -10°C to + 50°C
- IP66 housing design for outdoor use
- Dimensions: 71.5 x 150.53 x 91.15 mm
- Weight: 360g
- Power Consumption: 6.5 Watt



368984 / DN-16083-1

Full HD WDR IP Outdoor Mini Bullet Camera

Full HD WDR IP Outdoor Bullet Camera

With the DIGITUS® WDR camera range using SONY sensor, every pixel of the image is processed for optimal exposure and color reproduction. In high contrast scenes, most over or under exposed areas are corrected, producing usable video. DIGITUS® WDR cameras are designed for high-contrast lighting conditions, where high quality identification is needed, such as airports, passport controls and casinos and so ideal for intelligent video analysis applications. The DIGITUS® WDR outdoor Zoom Bullet camera comes with 4 megapixel and 1080p 60 frames for high-quality video, real-time viewing, removable infrared cut filter and 6 solid light LEDs for delivering low-noise images in

total darkness at a distance of up to 50 meters. The camera is designed with IP66 weatherproof outdoor housing for protecting the camera against rain and dust. With 802.3af compliant PoE there is no need to install the camera near a power source, power and data are received through only one single Ethernet cable. The DIGITUS® WDR camera is equipped with a built-in microSD/SDHC card slot for local storage and comes with a 3x optical zoom lens for monitoring wide open spaces where high-level reliability and precision are always required. With the H.264 codec the camera transfers High Definition data through LAN and Internet without distortion.

- Image Sensor: 1/3" Progressive CMOS
- Effective Pixels: 4 Megapixel (2688 x 1520)
- Minimum Illumination: 0.05 lux
- White Balance: Manual / AWB / ATW
- Shutter Speed: 1 ~ 1/10000 sec.
- Focal Length: 3-9mm motorized
- F Number: F1.7
- FOV: Wide 109° / Tele 33°
- Wide Dynamic Range: Shutter WDR (96dB)
- Privacy Mask: On/Off
- Brightness: Manual
- Exposure: Auto / Manual
- Sharpness: Manual
- Contrast: Manual
- Saturation: Manual
- Hue: Manual
- Number of Built-in LEDs: 6
- Working Distance (night): up to 50m
- Motion Detection: On / Off / By schedule
- Privacy Mask Typ: Color
- Tampering Alarm: On / Off / By schedule
- Network Failure Detection: by schedule / On / Off
- Interface: RJ-45, 10/100/1000 Mbps Ethernet (Gigabit Ethernet)
- Event Notification: HTTP / FTP / SMTP
- Storage: Supports microSD up to 32GB
- User Accounts: up to 20
- Password Levels: User and Administrator
- Operating Temperature: -40°C to + 50°C
- IP66 housing design for outdoor use
- Dimensions: 90 x 270 mm
- Weight: 940g
- Power Source: DC 12V / AC 24V / PoE
- Power Consumption: 15 Watt



368991 / DN-16084-1

Full HD WDR IP Outdoor Bullet Camera

Full HD WDR IP Speed Dome Camera

With the DIGITUS® WDR camera range using SONY Exmor sensor, every pixel of the image is processed for optimal exposure and color reproduction. In high contrast scenes, most over or under exposed areas are corrected, producing usable video. DIGITUS® WDR cameras are designed for high-contrast lighting conditions, where high quality identification is needed, such as airports, passport controls and casinos and so ideal for intelligent video analysis applications. The DIGITUS® WDR outdoor Zoom speed Dome camera comes with 1080p Full HD for high-quality video, real-time viewing and removable infrared cut filter. The camera is designed with IP66 weatherproof outdoor housing for protecting the camera against rain and dust. With 802.3af compliant PoE

there is no need to install the camera near a power source, power and data are received through only one single Ethernet cable. The DIGITUS® WDR camera is equipped with a built-in microSD/SDHC card slot for local storage and comes with a 20x optical zoom lens for monitoring wide open spaces where high-level reliability and precision are always required. Users can easily control the lens position to track objects of interest and set preset points for patrolling. With the H.264 codec the camera transfers High Definition data through LAN and Internet without distortion.

- Image Sensor: 1/2.8" Sony Progressive CMOS
- Effective Pixels: 2 Megapixel (1920 x 1080)
- Minimum Illumination: 0.05 lux
- White Balance: Manual / AWB / ATW
- Shutter Speed: 1 ~ 1/10000 sec.
- Focal Length: 4.7-94 mm motorized
- F Number: Wide 1.6 / Tele 3.5
- FOV: Wide 55.2° / Tele 2.93°
- Wide Dynamic Range: Shutter WDR (96dB)
- Privacy Mask: On/Off
- Brightness: Manual
- Exposure: Auto / Manual
- Sharpness: Manual
- Contrast: Manual
- Saturation: Manual
- Hue: Manual
- Digital Zoom: Supported
- Motion Detection: On / Off / By schedule
- Privacy Mask Typ: Color
- Tampering Alarm: On / Off / By schedule
- Network Failure Detection: by schedule / On / Off
- Interface: RJ-45, 10/100/1000 Mbps Ethernet (Gigabit Ethernet)
- Event Notification: HTTP / FTP / SMTP
- Storage: Supports microSD up to 32GB
- User Accounts: up to 20
- Password Levels: User and Administrator
- Operating temperature: -10 °C ~ +50 °C
- IP66 housing design for outdoor use
- Dimensions: 191.9 x 282.1 mm
- Weight: 2.3kg
- Power Source: PoE+ (60W) / AC 24V
- Power Consumption: 59.5 Watt



369028 / DN-16085-1

Full HD WDR IP Speed Dome Camera



Professional IP Camera // Network Video Recorder

Full HD WDR IP Network Outdoor Fisheye Camera

With the DIGITUS® WDR camera range using SONY sensor, every pixel of the image is processed for optimal exposure and color reproduction. In high contrast scenes, most over or under exposed areas are corrected, producing usable video. DIGITUS® WDR cameras are designed for high-contrast lighting conditions, where high quality identification is needed, such as airports, passport controls and casinos and so ideal for intelligent video analysis applications. The DIGITUS® WDR fisheye camera comes with 4 megapixels, 1080p with 60 frames for high-quality video and real-time viewing. With 802.3af compliant PoE there is no need to install the camera near a power source,

power and data are received through only one single Ethernet cable. The DIGITUS® WDR camera is equipped with a built-in microSD/SDHC card slot for local storage. With the H.264 codec the camera transfers High Definition data through LAN and Internet without distortion. ONVIF (Profile S) compliance ensures hassle-free, flexible system integration. The embedded edge dewarping engine enables the fisheye camera to dewarp images by camera rather than backend system. Therefore, edge dewarping technique reduces the burden of backend system and also enhances the flexibility of usage.

- Image Sensor: 1/1.8", Sony Progressive CMOS
- Effective Pixels: 4 Megapixel (2688 x 1520)
- Minimum Illumination: 0.04 lux
- White Balance: Manual / AWB / ATW
- Shutter Speed: 1 ~ 1/10000 sec.
- Focal length: 1.55mm Fisheye Lens
- F Number: F2.0
- FOV: 185°
- Wide Dynamic Range: Shutter WDR (96dB)
- Privacy Mask: On/Off
- Brightness: Manual
- Sharpness: Manual
- Contrast: Manual
- Saturation: Manual
- Hue: Manual
- Digital Zoom: Supported
- Number of Built-in LEDs: 4
- Working Distance (night): up to 5m
- Motion Detection: On / Off / By schedule
- Privacy Mask Typ: Color
- Tampering Alarm: On / Off / By schedule
- Network Failure Detection: by schedule / On / Off
- Interface: RJ-45, 10/100/1000 Mbps Ethernet (Gigabit Ethernet)
- Event Notification: HTTP / FTP / SMTP
- Storage: Supports microSD up to 32GB
- User Accounts: up to 20
- Password Levels: User and Administrator
- Operating Temperature: -10°C to + 50°C
- Dimensions: 117 x 39mm
- Weight: 340g
- Power Source: DC 12V / PoE



368960 / DN-16087

Full HD WDR IP Network Outdoor Fisheye Camera

4/8/16 Channel Full HD Network Video Recorder

The DIGITUS® Network Video Recorder is designed to display and record 4/8/16 channel Full HD cameras from the network. The system can be connected to a local HDMI monitor to display the live stream of the connected cameras and configure the system.

The Network Video Recorder offers 2 HDD slots to connect up to 4TB per HDD for local storage. Via web browser the NVR can be accessed and configured. Supporting ONVIF, most of the major brand cameras can be used with the Network Video Recorder.

- Connect up to 4/8/16 network cameras
- 2 HDD ports for local storage
- Exports playback videos to AVI
- Two-way audio
- Smart camera search
- Mobile Devices Remote Monitoring
- Remote WEB-based management
- Controlled by USB mouse, keyboard or joystick
- 10/100Mbps Ethernet
- Supports DHCP-Client
- Max. 4 TB capacity for each HDD
- VGA/ HDMI video interface
- LED indicator for power, alarm, record, network
- 12V DC/ 3.3A power supply
- Supported video resolutions: 3 MP, 5 MP, 720p, 1080p
- Video snapshot in JPEG format
- Supported protocols: HTTP/ HTTPS/ SMTP/ DHCP/ ARP/ NTP/ DNS/ UPnP/ FTP
- Supported split screen: 1/ 4/ 9/ 16



369189 / DN-16111

4 Channel Full HD Network Video Recorder

369196 / DN-16112

8 Channel Full HD Network Video Recorder

369219 / DN-16113

16 Channel Full HD Network Video Recorder

H.264 Video Server

Analog to IP (H.264/MJPEG), PoE,
ONVIF, ONVIF compliant

The DIGITUS® H.264 PoE Video Server binds existing analog cameras into an IP-based network and offers the possibility of a smooth migration. The connection of the Video Server using PoE is to power the device itself as well as powering the connected analog

camera. With PoE power and data are transmitted, so installation costs can be reduced. Multiple customized streams could be accessed for displaying on different end-devices.

- Video Input/Output: 1x BNC In, 1x BNC Out
- 1 x RJ45 10Mbps / 100Mbps network connector
- Two-way audio
- Video compression: H.264 / MJPEG
- Video Resolution: H.264 - D1/VGA / CIF
- Supported protocols: ARP, IPv4/v6, TCP/IP, UDP, RTP, RTSP, HTTP, HTTPS, ICMP, FTP, SMTP, DHCP, PPPoE, UPnP, IGMP, QoS, ONVIF
- Security: HTTPS, IP Filter, IEEE 802.1X
- External alarm output and input
- Event Notification: HTTP / FTP / SMTP
- Storage: Supports microSD up to 32GB
- User Accounts: up to 20
- Password Levels: User and Administrator
- Supports RS485 serial interface
- Operating temperature: -10°C ~ 50°C
- Dimension (LxWxH): 137 x 99 x 28 mm
- Weight: 200g
- Power source: PoE / DC 12V - 48V / AC 24V
- Power Consumption: 4.0W



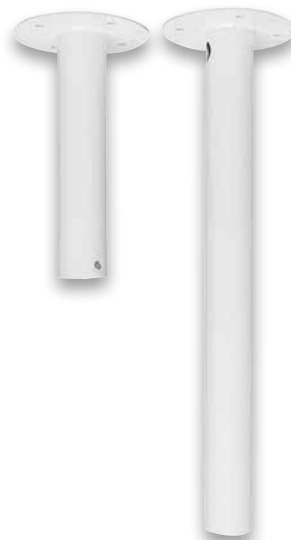
369035 / DN-16100-1
H.264 Video Server



Our extensive product range and further services can be
found on our homepage: www.digitus-professional.com.

Camera straight tube, 25cm

Compatible for the camera models: DN-16081-1, DN-16082-1, DN-16085-1, DN-16086 and DN-16087.



369035 / DN-16092-1
 Camera straight tube, 25cm

Camera Wallmount Bracket

Compatible for the camera models: DN-16081-1, DN-16082-1, DN-16085-1, DN-16086 and DN-16087.

- Anti-rust
- Color: white

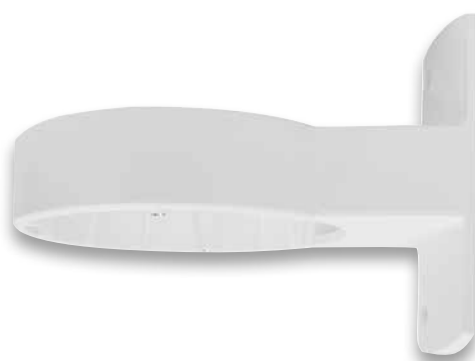


369059 / DN-16094-1
 Camera Wallmount Bracket

Camera Wallmount Bracket

Compatible for the camera models: DN-16081-1, DN-16086 and DN-16087.

- For direct wall mounting

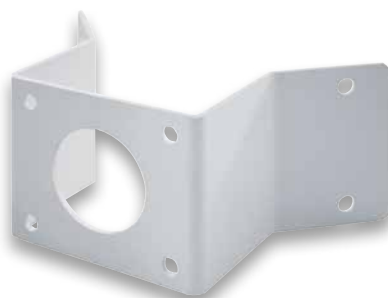


369066 / DN-16094-2
 Camera Wallmount Bracket

Camera Pole Mount

Compatible for the camera model: DN-16084-1

- For direct wall mounting

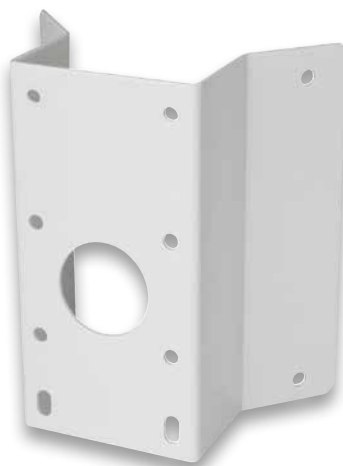


369073 / DN-16095-1
Camera Pole Mount

Camera Corner Mount Plate

Compatible for the camera model: DN-16085-1

- Color: white



369080 / DN-16095-2
Camera Corner Mount Plate

Camera Pole Mount

Compatible for the camera model: DN-16085-1



369097 / DN-16096-1
Camera Pole Mount

Camera Pole Mount

Compatible for the camera model: DN-16084-1

- Need to mount with pendant cap (DN-16097-1) and mount adaptor (DN-16097-2).



369103 / DN-16096-2

Camera Pole Mount

Pendant Cap for Dome Cameras

Compatible for camera model: DN-16081-1 and DN-16087



369110 / DN-16097-1

Pendant Cap for Dome Cameras

Mount Adaptor, L-Type to PELCO Adapter Ring

Compatible for the camera models: DN-16081-1, DN-16082-1, DN-16085-1, DN-16086 and DN-16087



369127 / DN-16097-2

Mount Adaptor, L-Type to PELCO Adapter Ring

Power Box, 220V/230V to AC 24V/3A

Ideal accessory for the DIGITUS® Professional camera portfolio!

Compatible for the camera models: DN-16081-1,
DN-16082-1, DN-16084-1, DN-16085-1



369134 / DN-16098-1
Power Box, 220V/230V to AC 24V/3A

AC Adapter, 220V/230V to AC 24/3A

Ideal accessory for the DIGITUS® Professional camera portfolio!

Compatible for the camera models: DN-16081-1,
DN-16082-1, DN-16084-1, DN-16085-1



369141 / DN-16098-2
AC Adapter, 220V/230V to AC 24/3A

Universal Power Supply

DIGITUS® Travel Power Supply, 12V, 2A, 5.5mm Outer Diameter, + Inner EU, UK, AU, US plugs included

- 12 Volt
- 2 Ampère
- 5.5mm outer plug diameter
- Inclusive EU, UK, AU and US Plugs



369035 / DN-16057-2
Universal Power Supply

Conduit Set, two hole rubber, plastic

Ideal accessory for the DIGITUS® Professional camera portfolio!

Compatible for the camera model: DN-16082-1



369158 / DN-16097-3
Conduit Set, two hole rubber, plastic

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