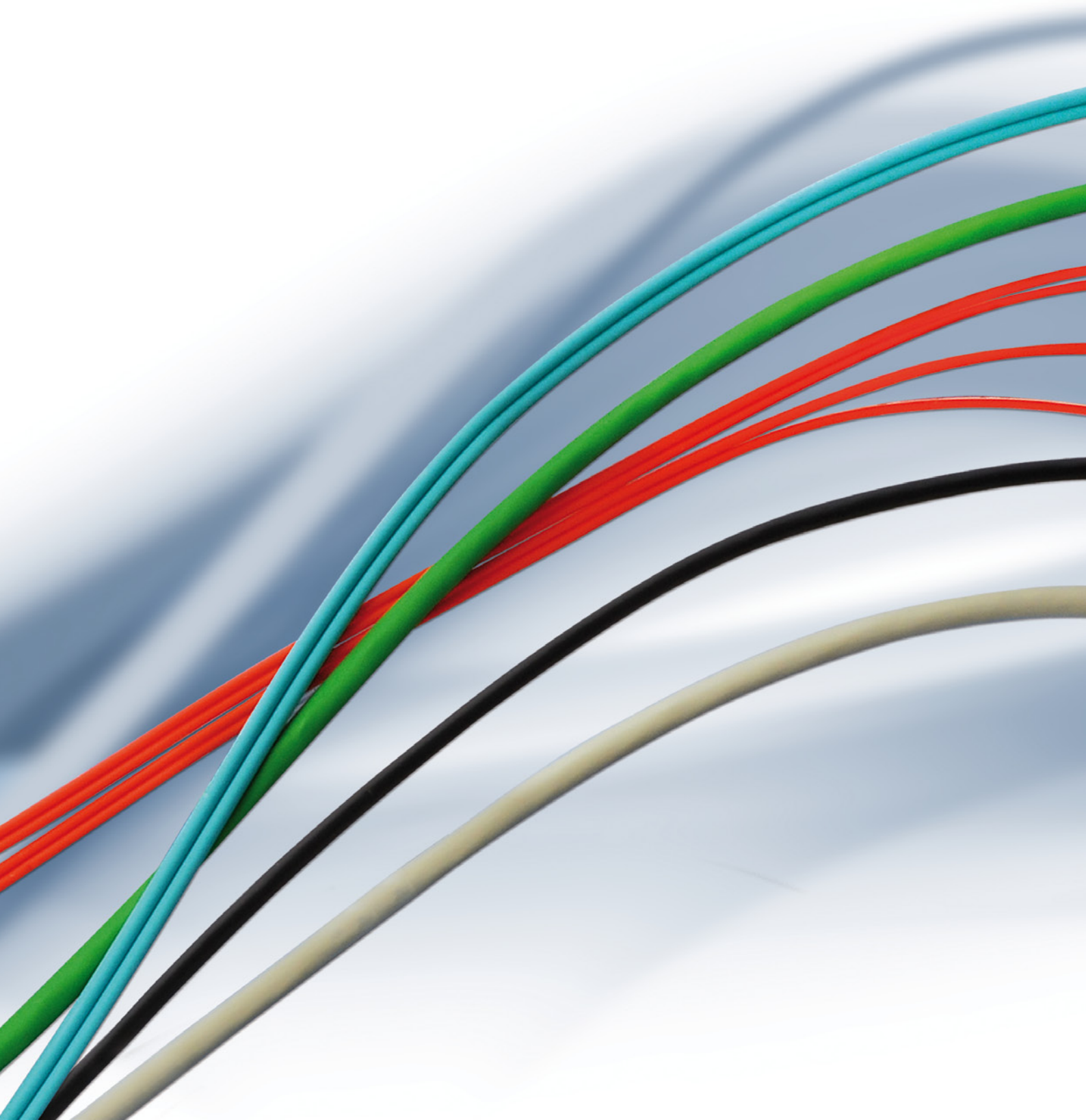
ASSMANN

WORLD OF CABLES 2012 //



Preface //

We are pleased to present our new Assmann cable catalogue. This gives you the opportunity of getting to know about our detailed and comprehensive products and services.

We have completely reworked our range of cables for you and have added to our portfolio to meet your individual needs and requirements.

We have been working on a solution to meet your high expectations which visualises the ASSMANN cable range to make it more transparent.

We have therefore restructured our range of cables. This catalogue gives you an overview of our range of cables, divided into various cable groups, -classifications, price classes and quality features with details of the properties.

You will receive detailed information on the new overview in the following pages. We have not only introduced new quality levels for our cables, such as Low Cost, Basic, Classic and Premium but have also classified them in even more detail. You can now see even more quickly which cable is suitable for your requirements.

We have also extended our service spectrum for you. We have also established the new long term warranty of 5 or 15 years and guarantee this for the larger part of our range of cables.

Our telephone Support Team is also available in Germany for all your questions.
You can reach our hot line from Monday – Friday from 10AM – 18PM at **0180 / 5 34 40 01.**
Further information is available on our websites: www.business.assmann.com & www.digitus.info.

Get to know our new cable catalogue. Our sales and distribution team are pleased to be available, of course, for your questions.

Your ASSMANN Team

ASSMANN

Content

ASSMANN Warranty 03
Cable Classification 04
New Article Structure 06

01 // Computer Cables **09 – 25**

USB Cables // USB 2.0 10-25
USB Cables // USB 3.0 26-33
Monitor Cables // VGA/XGA Cables 34-41
Monitor Cables // DVI Kabel & Adapters 42-51
Monitor Cables & Adapter // HDMI 52-65
Monitor Cables & Adapters // DisplayPort 66-74
Serial Cables & Adapters 75-86
PS/2 Cables 87-89
Firewire Cables 90-93
SATA Cables & Adpaters 94-102
SAS Cables 103-106
Slot Bracket Cables 107-110
IDE Flat and Round Cables 111-112
Printer Cables 113-116
Power Supply Cables // Extern 117-124
Power Supply Cables // Intern 125-126
Power Strips 131-133

02 // Apple Data- & Charging Cables **135 – 137**

iPod® USB Sync/Charger cable 136
iPod® Component with USB Audio/Video Cable 136
iPod® Adapter Battery Pack 137
iPod® Car Charger Kit 137
Apple® Counter Display (assembled) 137

03 // A/V Cables and Adapters **139 – 160**

Cinch Cables 141
Cinch and TRS Cables 145
3.5mm Cables 146
Scart Cables 147
Audio/Video Adapters 151
Monitor Cables // DVI Cables & Adapters 155
Monitor Cables // HDMI Cables & Adapters 156
Monitor Cables // DisplayPort Cables & Adapaters . 158

04 // Telephone Cables **161 – 168**

Telephone Cables 162
Telephone Adapters 163

05 // TV/SAT Cables & Adapters **169 – 174**

TV/SAT Cables 170
TV/SAT Adapters 171
TV/SAT Raw Cables 173
TV/SAT Installation Cables 174

06 // Patch- & Raw Cables, Fiber Optic **175 – 214**

06.01 Patch Cables 177
06.02 Raw Cables 187
// Twisted Pair Installation Cables 188
// Twisted Pair Patch Cables 195
06.03 Fiber Optic 199
// Fiber Optic Cables 200
// Fiber Optic Installation Cables 205
// Universal Fiber Optic-Cables 207
// Fiber-Optic Installation Cables 209
// Fiber Optic Pigtails 210
// Fiber-Optic Couplers + Connectors 212

07 // Telephone Wall Plates **215 – 220**

Telephone Wall Plates 216
Wall Outlets 218

08 // Instal. Accessories, Test Devices **221 – 228**

Installation Accessories 222
Test Devices 225

A // Lexicon Cables **229 – 221**

Quality of Cables 208
AWG Chart 210
Cables-Types 211

B // Art.No.-Register **INDIZES**

B.01 Index: Art.No. / Page 222
B.02 Cross Reference Index: Art.No. NEW/OLD 226
B.03 EAN-Index 250

Contact 250

On the safe side with the new long-term guarantee from Assmann

Assmann Electronic GmbH stands for quality and customer satisfaction. We therefore give a guarantee of from 5 to 15 years on almost all our products.





This naturally also applies for our Assmann cable range. On our Low Cost cables, we give the legal 2-year guarantee. On the cables of the Basic category, we give an extended guarantee of 5 years, and on our Classic and Premium cables, we even give a guarantee of 15 years.

The requirements for the activation of the long-term guarantee are quite simple. You simply have to register your product online within 4 weeks of the purchase date. This can be done easily on our website. Following registration, you can then make any guarantee claims with your dealer.

CATEGORY	GARANTIEDAUER
Low Cost	2 Years
Basic	5 Years
Classic	15 Years
Premium	15 Years

The guarantee does not however extend to such items as consumable materials or mechanical wear parts. Please also note our Guarantee conditions at
http://www.business.assmann.com/Service.aspx#identifier5
or **www.digitus.info/en/service/warranty/**



How do I find the cable I want in the catalog?

You are looking for a **USB 2.0 cable or a USB A plug to a USB B plug.**

1. **Use the complete index on page 2 to reach the chapter, or sub-chapter you want in our example.**
   You can see here that you have to turn to page 10 now to reach the sub-chapter „UBS 2.0“.

2. **You will see a „Finder“ in the overview for the respective chanter or sub-chapter where you can select the appropriate plug for the cable and the page on which the appropriate plug can be found .**
   You can see in the second line that you have the example of our cable between the categories low cost, basic, classic and premium. If you want to continue according to price at this point, decide on the low cost alternative and open the catalog at page 13.

3. The inside section of the chapter now uses symbols in the right hand section of each product field to show you in which category the displayed catalog is located. You can now select from a beige or a black alternative for the cable you want. You have decided on the black cable.

4. Continue by selecting from bulk, DIGITUS®-Blister or Polybag and decide on the suitable cable length.

We create clarity.

We have completed the rework of our range of cables as ASSMANN Electronic Gmbh, the cable specialists. The range has been adapted to individual customer needs and has been extended in response to different market requirements. We have eliminated all the redundancies and similarities as far as functionality and quality are concerned to complete, structure and round off the portfolio. The different quality levels are divided into classes „low cost“, „basic“, „classic“ and „premium“ for clarity and orientation. The classification that has been carried out is functional and easy to understand in terms of prices.
The classification criteria can be clearly distinguished in terms of price, quality, range of function, materials, design, individual requirements on the customer side and, last but not least in terms of guaranteed working life.

LOW COST

These cables are fully functioning, extremely low-priced and have a two year guarantee. The low-priced materials used place considerable pressure on pricing, invoicing and can deviate from the specification of the standards (color codes, for example).

PRICE	★★★★★	extremely price orientated
QUALITY	★	solid, tested quality
SCOPE OF FUNCTION	★	meets most basic functions
MATERIAL	★	low-priced materials guaranteeing functionality
DESIGN	★	not relevant for this product group
EMOTION	★	„bargain“ price

BASIC

This class of cable has basic functions and is aimed at a price sensitive target group, without relinquishing guaranteed, tested quality. All articles in this class comply with a guarantee of two years of course. Materials which comply with standard specifications and compatibility are used to secure the standards which have been set down.

PRICE	★★★★	price orientated
QUALITY	★★	good, tested quality
SCOPE OF FUNCTION	★★	meets most basic functions with no problems
MATERIAL	★★	materials according to required standard specification for full functioning
DESIGN	★	not relevant for this product group
EMOTION	★★	„bargain“ (quality and price)

CLASSIC

Cables from the Classic range take into account all the standards set down for the market and are in 100% compliance with the specifications. Only high value materials such as copper are used, to guarantee the full range of functions with the best possible quality. These cables are provided with a „15 Years Warranty“ which underlines the high demands placed on quality.

PRICE	★★	good value for money
QUALITY	★★★★	very good tested quality with extended guarantee
SCOPE OF FUNCTION	★★★	meets all possible functions with constant high performance
MATERIAL	★★★	materials in accordance with standard specification for full functionality
DESIGN	★★★	clear market assignment according to Corporate Design requirements
EMOTION	★★★	satisfaction (quality, service, design & price)

PREMIUM

The premium cable meets everything required from a high end cable and covers the widest possible range of functions. Only excellent materials are used. The contacts are gilded, for example, the cable is exceptionally well screened and is trouble-free to a maximum. They satisfy the highest requirements and are intended for customers who know about quality. This is why they are delivered with a guaranteed working life of 15 years and why they fully satisfy the specified standards and approvals (you can find the standards in the box on the opposite side).

PRICE	★	the price is of secondary importance here
QUALITY	★★★★★	excellent, guaranteed, tested and certified quality with a longer warranty
SCOPE OF FUNCTION	★★★★★	outstanding, goes far beyond the standard
MATERIAL	★★★★★	best, high quality materials
DESIGN	★★★★	high-value finish determine the appearance, recognisable as a branded article
EMOTION	★★★★	enthusiasm (quality, service and design)

Certificates and labelling

Article Group	Logos
HDMI	
DisplayPort	
DVI	
USB	
FireWire	
Printer	
Power Supply (Unit Cables)	

Article Group	Logos
Power Supply (intern)	
SAS	
SATA/eSATA	
S VHS	
Serial Cables	
IDE Cables	

NEW PLEASE NOTE THAT ALL NEW ITEMS ARE SPECIFICALLY MARKED IN THE CATALOGUE.

Comprehensible Item Numbers of the product range

The new, transparent and understandable structure makes selection easier. Each of our customers uses the matrix to identify exactly what he gets.

You, our partners and retailers can use this to take into account the heterogeneity of your group of customers to make the suitable offer. Everything from one source. The price range between low cost and premium articles is up to 150% and clearly shows the performance in this new range. A full range of stock for all the articles in the range (with the exception of manufactured items and individual requests) also underlines that fact that ASSMANN Electronic GmbH has acquired special expertise over the years. The exceptional width and depth of the range is only possible because of the degree of standardization and the quantities which create price advantages for you, our customers, which we pass on accordingly. The complete, rounded off range is without parallel on the market. The article numbers have been reassigned and are clearly stated according to the new structure of the range, so that the range and the respective article can be clearly recognized in order to be completed and made ready according to the relevant criteria.

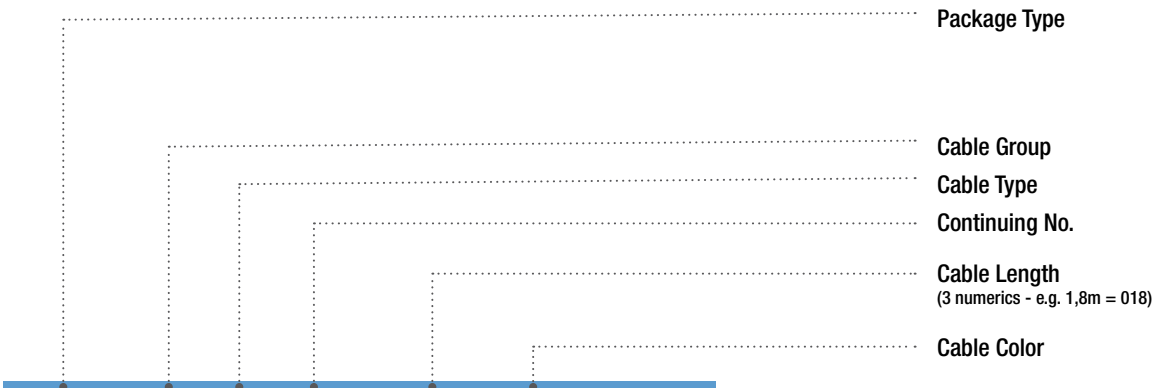
You will find further explanations about the composition of the article codes on next page graph or you go online www.assmann.com

A special, dedicated team is available at ASSMANN Electronic GmbH to fully meet the growing demand for customized cables in the installation area and to cover every possible use of our cables. A cable, or several special cables outside the standards or contrary to expectations for cables in our range can be provided very quickly at the customer´s request and according to individual requirements. This applies especially to the fiber-optic range where we can offer high flexibility and individuality. We can assemble all lengths, qualities and quantities strictly to requirements. We also offer a comprehensive range of accessories to do with fiber-optic installation cables, such as splicing boxes or pigtails (only to name a few).

We would be pleased to assemble a complete, individual range as a customer order. We would take over production supervision and the complete logistics chain right up to warehousing and delivery.

You have a complete overview with our newly developed Cable-Chooser. You can intuitively approximate our range and its article number with the coordinated Number Gambler (article number generator) on www.assmann.com and can compile the article number you want according to your cable requirements to order it directly on screen. ASSMANN Electronic GmbH, Lüdenscheid shows once more that customer and market requirements are at the centre of our activity and that we are leaders in transparency, quality, deliverability and price-performance.





Example: USB Connection Cable in ASSMANN-Polybag, 1m, gray = AK-300100-010-E

AK

// Packaging **ID-No.**

Bulk ..... AK-
Polybag (Zip) ..... DK-
Blister ..... DB-
Packing ..... DP-

30

// Kind of Range **ID-No.**

USB 30
D-Sub /HD SUB 31
DVI 32
HDMI 33
DisplayPort 34
SATA 40
SAS 41
FireWire 42
Power PC internal 43
Power 44
TAE 45
Modular (ISDN / UAE) 46
TK international (Telefon) 47
RCA / Cinch 48
Scart 49
Toslink 50
Stereo connector / Klinke 51
TV (BL / IEC) 52
SAT (F-plug) 53
BNC 54
TNC 55
SMA 56
ATA/PATA/Floppy 57
Printer / Centronic 58
DIN / mini DIN (PS/2, S-VHS) 59
OEM 99
Cable Test Devices 88
Installation Material 77

01

// Kind of Cable **ID-No.**

No clasification 00
Connection cable 01
Extension cable 02
Adaptercable 03
Splittercable 04
Adapter 05
Plugs/Jacks 06
Installationcable 07
Wallplates & Sockets 08
Special 09

018

// Length **No.**

No length (0,0 m) ..... -000
e. g. 0.1 m ..... -001
e. g. 1.0 m ..... -010
e. g. 10.0 m ..... -100

e. g. 0.2 m ..... -002
e. g. 2.0 m ..... -020
e. g. 20.0 m ..... -200

e. g. 0.35 m ..... -003
e. g. 1.75 m ..... -018
e. g. 1.74 m ..... -017
e. g. 10,5 m ..... -105

E

// Color **ID-No.**

black ..... S
beige (grey) ..... E
white ..... W
2-color ..... D
red ..... R
blue ..... B
yellow ..... Y
green ..... G
silver I
mixed ..... M

You always make the right selection
with the ASSMANN Part-Number-Gambler
at www.business.assmann.com.

Package Type

Category	Packaging			Description of package in P/N structure
	Bulk	DIGITUS Polybag	DIGITUS Blister	
Low Cost	•			AK-
Basic	•	•	•	AK- // DK- // DB-
Classic	•	•	•	AK- // DK- // DB-
Premium		•	•	DK- // DB-

ASSMANN core competencies

The ASSMANN Group has specialized in IT-infrastructure for more than 42 years. About the growth field “cable” have evolved core competencies that have been extended one by one:

ASSMANN CABLES

Computer Cables	Smartphone / Tablet Cables	Installation Cables
Monitor Cables	Device Connection Cables	Fiber Optic Cables & Connections
Audio-/ Video-Cables	Network Cables	Cables Management

ASSMANN NETWORK TECHNOLOGY

- Active Network Components
- KVM-Solutions
- LCD Consoles
- Video Solutions
- Passiv Network Components
- Media Converter
- Network & Server Cabinets
- Energy Management / USV

ASSMANN SECURITY & SURVEILLANCE

- IP-Cameras
- Storage
- Power Supply
- Home Automation

ASSMANN HOME & OFFICE PRODUCTS

- Input Devices
- Multimedia
- Home Network
- Mobility Products
- Computer Peripherie
- Computer Components

ASSMANN INNOVATION MANAGEMENT

- Project Management
- Innovations Management
- Data Center Solutions

USB Cables // USB 2.0 10 – 25

Spec Overview ... 10
Finder ... 11
USB 2.0 Cables ... 12
USB 2.0 Adapters ... 23

USB Cables // USB 3.0 26 – 33

Spec Overview ... 26
Finder ... 27
USB 3.0 Cables ... 28
USB 3.0 Adapters ... 31

Monitor Cables // VGA/XGA 34 – 41

Spec Overview ... 34
Finder ... 35
Monitor Cables ... 36

Monitor Cables // DVI 42 – 51

Spec Overview ... 42
Finder ... 43
DVI Single Link Cables ... 44
DVI Dual Link Cables ... 46
DVI Dual Link Adapters ... 49

Monitor Cables // HDMI 52 – 65

Spec Overview ... 52
Finder ... 53
HDMI High Speed Cables ... 54
HDMI High Speed with Ethernet Cables ... 60
Adapters HDMI High Speed with Ethernet ... 61
HDMI High Speed Adapters ... 62

Monitor Cables // DisplayPort 66 – 74

Spec Overview ... 66
Finder ... 67
DisplayPort Cables ... 68
DisplayPort Adapters ... 70
Mini DisplayPort Cables ... 72

Serial Cables 75 – 86

Spec Overview ... 75
Finder ... 75
Serial Cables ... 76
Gender Changer ... 82

PS/2 Cables 87 – 89

Spec Overview ... 87
Finder ... 87
PS/2 Cables ... 88

Firewire Cables 90 – 93

Spec Overview ... 90
Finder ... 91
Firewire Cables ... 92

SATA Cables and Adpaters 94 – 102

Spec Overview ... 94
Finder ... 95
SATA Cables ... 96
SATA Cables and Adapters ... 101

SAS Cables 103 – 106

Finder ... 103
SAS Cables ... 104

Slot Bracket Cables 107 – 110

Finder ... 107
Slot Bracket Cables ... 108

IDE Flat and Round Cables 111 – 112

Finder ... 111
IDE Flat and Round Cables ... 112

Printer Cables 113 – 116

Finder ... 113
Printer Cables ... 114

Power Supply Cables // external 117 – 124

Finder ... 117
Power Supply Cables ... 118

PC Power Cables // internal 125 – 130

Finder ... 125
Internal PC Power Cables ... 126

Power Strips 131 – 133

Power Strips ... 131

01.01 // USB Cables_USB 2.0

On the following pages, you will find our complete range of USB cables and adapters. For orientation purposes, we describe here a briefly how the four quality levels (Low Cost, Basic, Classic, Premium) differ from each other. Low Cost and Basic cables can be used without problems for data transmission for simple products such as mice, serial adapters and printers. In the case of devices which are also supplied with power via the USB cable, and depending on the cable length, high voltage drops may occur in the cable due to the resistance of the materials. It may happen for example that an external 2.5" hard disk which is connected by a simple cable has problems with the startup of the magnetic disks. A USB Wi-Fi adapter can experience problems with the transmitter range when using a simple cable due to the voltage drop. This means that the greater the data throughput, the power consumption and cable length of a USB cable, the higher should be the quality of the cable used.

Spec Overview

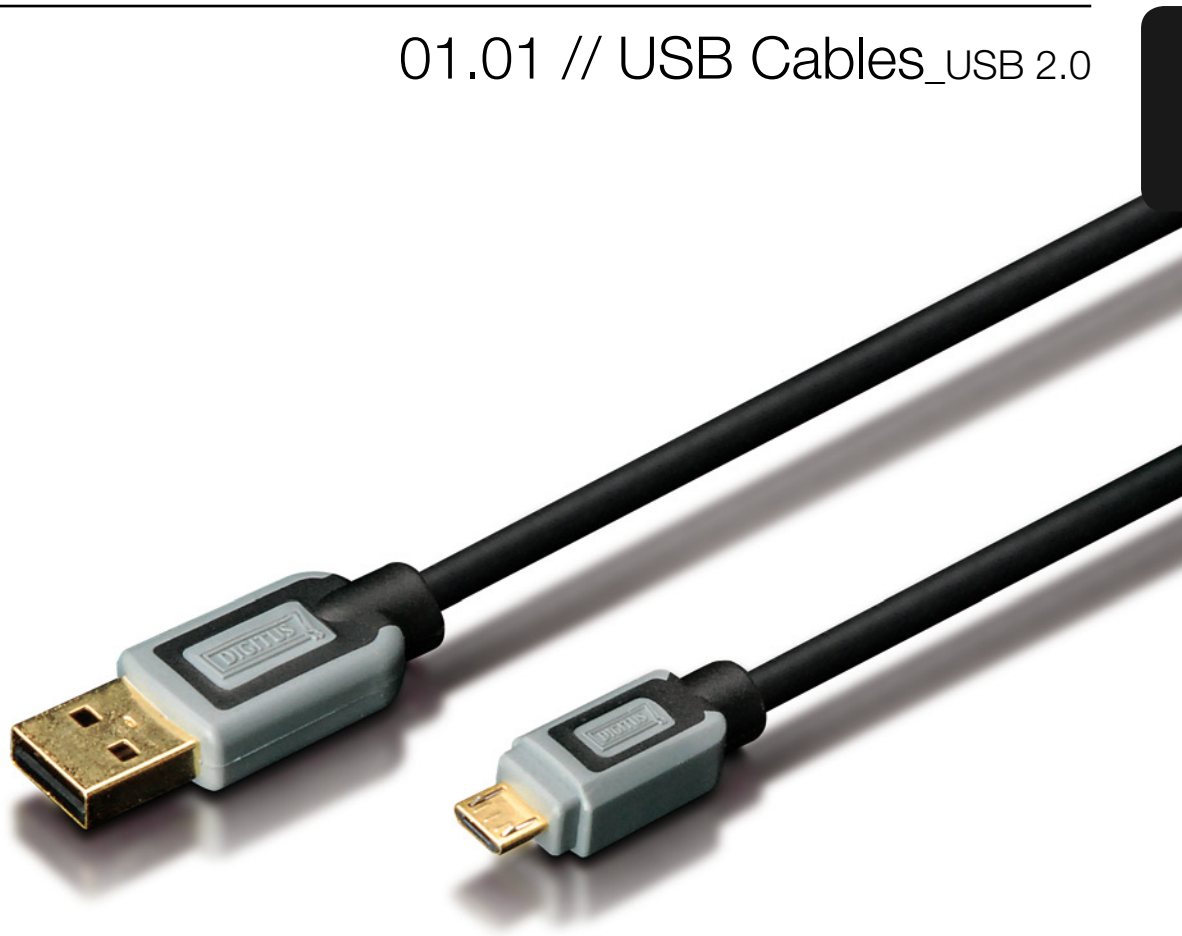
USB 2.0

		Low Cost	Basic	Classic	Premium
Description	Classification				
	Version	USB 2.0	USB 2.0	USB 2.0	USB 2.0
	USB Standard	Suitable	Compatible	Conform	Conform
Features:	UL-conform	Yes	Yes	Yes	Yes
	Housing	Molded	Molded	Molded	Molded
	Connector surface	Nickel plated	Nickel plated	Nickel plated	Gold flash
	Shielding	Double shielded	Double shielded	Double shielded	Double shielded
Construction details	Twisted Pairs	Yes	Yes	Yes	Yes
	AWG-Number	28/28	30/30	28/28	24/28
	Conductor Material	CCS	Cu	Cu	Cu
	Covered contacts	Gold flash	Gold flash	Gold flash	Gold flash
	Shielding	Foil + Braid	Foil + Braid	Foil + Braid	Foil + Braid
		50%	65%	65%	85%
	Foil Material	AL / Mylar	AL / Mylar	AL / Mylar	AL / Mylar
	Braid Material	AL	AL	AL	AL
	Drainwire	CCS / AWG 28	CU / AWG 30	CU / AWG 28	CU / AWG 28

USB 2.0 Adapter

		Low Cost	Basic	Classic	Premium
Description	Classification				
	Version	USB 2.0	USB 2.0	USB 2.0	USB 2.0
	Certified	Compatible	Compatible	Conform	Conform
	UL-conform	No	No	No	No
Features	Shielding	Unshielded	Unshielded	Unshielded	Shielded
	Connector	Nickel plated	Nickel plated	Nickel plated	Gold flash
Construction details	Twisted Pairs	No	Yes	Yes	Yes
	AWG-Number	28	26	26	26
	Conductor Material	Cu	Cu	Cu	Cu
	Covered contacts	Gold flash	Gold flash	Gold flash	Gold plated 15u
	Shielding	----	----	----	Foil
		----	----	----	Overall
	Foil Material	----	----	----	CCA

The individual data can differ from the actual specs. Therefore please request the data sheet.



Finder

Connector combination **USB 2.0 Cable**			Low Cost	Basic	Classic	Premium
USB 2.0 type A plug	⇔	USB 2.0 type A plug	----	p. 12	p. 12	p. 12
USB 2.0 type A plug	⇔	USB 2.0 type B plug	p. 13	p. 14	p. 14	p. 15
USB 2.0 type A plug	⇔	USB 2.0 type Mini B plug (4-pin)	----	----	p. 15	----
USB 2.0 type A plug	⇔	USB 2.0 type Mini B plug (5-pin)	----	----	p. 16	p. 16
USB 2.0 type A plug	⇔	USB 2.0 type Micro B plug	----	----	p. 17	p. 17
USB 2.0 type A plug	⇔	USB 2.0 type Micro A plug	----	----	p. 16	----
USB 2.0 type A plug	⇔	USB 2.0 type A jack	p. 19	p. 19	p. 19	p. 20
USB 2.0 type B plug	⇔	USB 2.0 type B plug	----	----	----	----
USB 2.0 type Mini B plug (5-pin)	⇔	USB 2.0 2x type A plug	----	----	p. 18	----
USB 2.0 type A jack	⇔	USB 2.0 IDC (motherboard)	----	----		----

Connector combination **USB 2.0 Adapter**			Low Cost	Basic	Classic	Premium
USB 2.0 type A jack	⇔	USB 2.0 type A jack	----	----	p. 24	----
USB 2.0 type A plug	⇔	USB 2.0 type B jack	----	----	p. 23	----
USB 2.0 type A jack	⇔	USB 2.0 type B plug	----	----	p. 23	----
USB 2.0 type A jack	⇔	USB 2.0 type B jack	----	----	p. 23	----
USB 2.0 type B jack	⇔	USB 2.0 type B jack	----	----	p. 24	----
USB 2.0 type Micro B plug	⇔	USB 2.0 type A jack	----	----	p. 24	----

USB 2.0 Cables

USB connection cable, A/M - A/M

Allows a reliable and fast connection of external USB devices to the PC, with low electromagnetic interference liability.

For connection of external USB devices (with A socket) to the USB Host (e. g. PC, Notebook or USB Hub). Datatransferrate up to 480 Mbps (High-Speed).

- Connector 1: USB A, plug
- Connector 2: USB A, plug
- USB compliance: USB 2.0
- UL certified: UL2725
- Hoods: molded
- Shielding: double shielding
- AWG: 30
- Wire material: CU
- Connector surface: nickel-plated
- Ferrite filter: none
- Color cable: black
- Color connector: black



Bulk		DIGITUS® Polybag		DIGITUS® Blister	
On request		On request		**DB-300100-050-S**	0.5 m
AK-300100-010-S	1.0 m	On request		On request	
AK-300100-018-S	1.8 m	On request		**DB-300100-018-S**	1.8 m
AK-300100-030-S	3.0 m	On request		On request	
AK-300100-050-S	5.0 m	On request		On request	

USB 2.0 connection cable, A/M - A/M

The dense screening allows a reliable and quick connection of external devices USB with the PC, also about longer distances.

For connection of external USB devices (with A socket) to the USB Host (e. g. PC, Notebook or USB Hub). Datatransferrate up to 480 Mbps (High-Speed).

- Connector 1: USB A, plug
- Connector 2: USB A, plug
- USB compliance: USB 2.0
- UL certified: UL2725
- Hoods: molded
- Shielding: double shielding
- AWG: 28
- Wire material: CU
- Connector surface: nickel-plated
- Ferrite filter: none
- Color cable: black
- Color connector: black



Bulk		DIGITUS® Polybag		DIGITUS® Blister	
AK-300101-010-S	1.0 m	On request		On request	
AK-300101-018-S	1.8 m	On request		**DB-300101-018-S**	1.8 m
AK-300101-030-S	3.0 m	On request		**DB-300101-030-S**	3.0 m
AK-300101-050-S	5.0 m	On request		On request	

USB 2.0 connection cable, A/M - A/M

Gold plated connectors and a high screening gage allow a reliable and quick connection of external USB devices with the PC, also about longer distances.

For connection of external USB devices (with A socket) to the USB Host (e. g. PC, Notebook or USB Hub). Datatransferrate up to 480 Mbps (High-Speed).

- Connector 1: USB A, plug
- Connector 2: USB A, plug
- USB compliance: USB 2.0
- UL certified: UL2725
- Hoods: molded
- Shielding: double shielding
- AWG: 24/28
- Wire material: CU
- Connector surface: gold-plated
- Ferrite filter: none
- Color cable: black
- Color connector: black/grey



Bulk	DIGITUS® Polybag		DIGITUS® Blister	
-	**DK-300118-010-D**	1.0 m	**DB-300118-010-D**	1.0 m
-	**DK-300118-018-D**	1.8 m	**DB-300118-018-D**	1.8 m
-	**DK-300118-030-D**	3.0 m	**DB-300118-030-D**	3.0 m
-	**DK-300118-050-D**	5.0 m	**DB-300118-050-D**	5.0m

USB connection cable, A/M - B/M

Allows a reliable and fast connection of external USB devices to the PC.

For connection of external USB devices (with B socket, e. g. external HDD enclosure, scanner or printer) to the USB Host (e. g. PC, Notebook or USB Hub). Datatransferrate up to 480 Mbps (High-Speed).

- Connector 1: USB A, plug
- Connector 2: USB B, plug
- USB compliance: USB 2.0
- UL certified: UL2725
- Hoods: molded
- Shielding: double shielding
- AWG: 28
- Wire material: CCS
- Connector surface: nickel-plated
- Ferrite filter: none
- Color cable: beige
- Color connector: beige

LOW COST



	Bulk	DIGITUS® Polybag	DIGITUS® Blister
AK-300102-010-E	1.0 m	-	-
AK-300102-018-E	1.8 m	-	-
AK-300102-030-E	3.0 m	-	-

USB connection cable, A/M - B/M

Allows a reliable and fast connection of external USB devices to the PC.

For connection of external USB devices (with B socket, e. g. external HDD enclosure, scanner or printer) to the USB Host (e. g. PC, Notebook or USB Hub). Datatransferrate up to 480 Mbps (High-Speed).

- Connector 1: USB A, plug
- Connector 2: USB B, plug
- USB compliance: USB 2.0
- UL certified: UL2725
- Hoods: molded
- Shielding: double shielding
- AWG: 28
- Wire material: CCS
- Connector surface: nickel-plated
- Ferrite filter: none
- Color cable: black
- Color connector: black

LOW COST



	Bulk	DIGITUS® Polybag	DIGITUS® Blister
AK-300102-010-S	1.0 m	-	-
AK-300102-018-S	1.8 m	-	-
AK-300102-030-S	3.0 m	-	-

USB connection cable, A/M - B/M

Allows a reliable and fast connection of external USB devices to the PC, with low electromagnetic interference liability.

For connection of external USB devices (with B socket, e. g. external HDD enclosure, scanner or printer) to the USB Host (e. g. PC, Notebook or USB Hub). Datatransferrate up to 480 Mbps (High-Speed).

- Connector 1: USB A, plug
- Connector 2: USB B, plug
- USB compliance: USB 2.0
- UL certified: UL2725
- Hoods: molded
- Shielding: double shielding
- AWG: 30
- Wire material: CU
- Connector surface: nickel-plated
- Ferrite filter: none
- Color cable: beige
- Color connector: beige

BASIC



	Bulk	DIGITUS® Polybag	DIGITUS® Blister	
AK-300104-010-E	1.0 m	On request	**DB-300104-010-E**	1.0 m
AK-300104-018-E	1.8 m	On request	**DB-300104-018-E**	1.8 m
AK-300104-030-E	3.0 m	On request	**DB-300104-030-E**	3.0 m
AK-300104-050-E	5.0 m	On request	**DB-300104-050-E**	5.0 m

USB 2.0 Cables

USB connection cable, A/M - B/M

Allows a reliable and fast connection of external USB devices to the PC, with low electromagnetic interference liability.

For connection of external USB devices (with B socket, e. g. external HDD enclosure, scanner or printer) to the USB Host (e. g. PC, Notebook or USB Hub). Datatransferrate up to 480 Mbps (High-Speed).

- Connector 1: USB A, plug
- Connector 2: USB B, plug
- USB compliance: USB 2.0 compatible
- UL certified: UL2725
- Hoods: molded
- Shielding: double shielding
- AWG: 30
- Wire material: CU
- Connector surface: nickel-plated
- Ferrite filter: none
- Color cable: black
- Color connector: black



Bulk		DIGITUS® Polybag	DIGITUS® Blister	
AK-300104-010-S	1.0 m	On request	On request	
AK-300104-018-S	1.8 m	On request	**DB-300104-018-S**	1.8 m
AK-300104-030-S	3.0 m	On request	**DB-300104-030-S**	3.0 m
AK-300104-050-S	5.0 m	On request	**DB-300104-050-S**	5.0 m

USB 2.0 connection cable, A/M - B/M

The dense screening allows a reliable and fast connection of external USB devices with the PC, also about longer distances.

For connection of external USB devices (with B socket, e. g. external HDD enclosure, scanner or printer) to the USB Host (e. g. PC, Notebook or USB Hub). Datatransferrate up to 480 Mbps (High-Speed).

- Connector 1: USB A, plug
- Connector 2: USB B, plug
- USB compliance: USB 2.0
- UL certified: UL2725
- Hoods: molded
- Shielding: double shielding
- AWG: 28
- Wire material: CU
- Connector surface: nickel-plated
- Ferrite filter: none
- Color cable: beige
- Color connector: beige



Bulk		DIGITUS® Polybag	DIGITUS® Blister
AK-300105-010-E	1.0 m	On request	On request
AK-300105-018-E	1.8 m	On request	On request
AK-300105-030-E	5.0 m	On request	On request
AK-300105-050-E	5.0 m	On request	On request

USB 2.0 connection cable, A/M - B/M

The dense screening allows a reliable and fast connection of external USB devices with the PC, also about longer distances.

For connection of external USB devices (with B socket, e. g. external HDD enclosure, scanner or printer) to the USB Host (e. g. PC, Notebook or USB Hub). Datatransferrate up to 480 Mbps (High-Speed).

- Connector 1: USB B, plug
- Connector 2: USB B, plug
- USB compliance: USB 2.0
- UL certified: UL2725
- Hoods: molded
- Shielding: double shielding
- AWG: 28
- Wire material: CU
- Connector surface: nickel-plated
- Ferrite filter: none
- Color cable: black
- Color connector: black



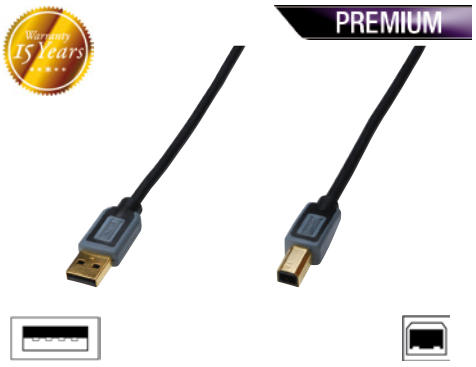
Bulk		DIGITUS® Polybag	DIGITUS® Blister	
AK-300105-005-S	0.5 m	On request	On request	
AK-300105-010-S	1.0 m	On request	On request	
AK-300105-018-S	1.8 m	On request	**DB-300105-018-S**	1.8 m
AK-300105-030-S	3.0 m	On request	**DB-300105-030-S**	3.0 m
AK-300105-050-S	5.0 m	On request	**DB-300105-050-S**	5.0 m

USB 2.0 connection cable, A/M - B/M

Gold plated connectors and a high screening gage allow a reliable and quick connection of external USB devices with the PC, also about longer distances.

For connection of external USB devices (with B socket, e. g. external HDD enclosure, scanner or printer) to the USB Host (e. g. PC, Notebook or USB Hub). Datatransferrate up to 480 Mbps (High-Speed).

- Connector 1: USB A, plug
- Connector 2: USB B, plug
- USB compliance: USB 2.0
- UL certified: UL2725
- Hoods: molded
- Shielding: double shielding
- AWG: 24/28
- Wire material: CU
- Connector surface: gold-plated
- Ferrite filter: none
- Color cable: black
- Color connector: black/grey



Bulk	DIGITUS® Polybag		DIGITUS® Blister	
On request	**DK-300119-010-D**	1.0 m	**DB-300119-010-D**	1.0 m
On request	**DK-300119-018-D**	1.8 m	**DB-300119-018-D**	1.8 m
On request	**DK-300119-030-D**	3.0 m	**DB-300119-030-D**	3.0 m
On request	**DK-300119-050-D**	5.0 m	**DB-300119-050-D**	5.0 m

USB 2.0 connection cable, B/M - B/M

The dense screening allows a reliable and fast connection of external USB devices with the PC, also about longer distances.

For connection of external USB devices (with B socket). Datatransferrate up to 480 Mbps (High-Speed).

- Connector 1: USB B, plug
- Connector 2: USB B, plug
- USB compliance: USB 2.0
- UL certified: UL2725
- Hoods: molded
- Shielding: double shielding
- AWG: 28
- Wire material: CU
- Connector surface: nickel-plated
- Ferrite filter: none
- Color cable: black
- Color connector: black



Bulk		DIGITUS® Polybag	DIGITUS® Blister	
AK-300106-010-S	1.0 m	On request	On request	
AK-300106-018-S	1.8 m	On request	**DB-300106-018-S**	1.8 m

Premium USB connection cable, A/M - mini B/M (4pin)

The dense screening allows a reliable and fast connection of external USB devices with the PC, also about longer distances.

For connection of external USB devices (with mini B (4-pin) socket, e. g. Camcorder, Camera, or PDA) to the USB Host (e. g. PC, Notebook or USB Hub). Datatransferrate up to 480 Mbps (High-Speed).

- Connector 1: USB A, plug
- Connector 2: Mini USB B, 4-pin, plug
- USB compliance: USB 2.0 compatible
- UL certified: UL2725
- Hoods: molded
- Shielding: double shielding
- AWG: 28
- Wire material: CU
- Connector surface: nickel-plated
- Ferrite filter: none
- Color cable: black
- Color connector: black



Bulk		DIGITUS® Polybag	DIGITUS® Blister	
AK-300107-010-S	1.0 m	On request	On request	
AK-300107-018-S	1.8 m	On request	**DB-300107-018-S**	1.8 m
AK-300107-030-S	3.0 m	On request	On request	
AK-300107-050-S	5.0 m	On request	On request	

USB 2.0 Cables

USB 2.0 connection cable, A/M - mini B/M (5pin)

The dense screening allows a reliable and fast connection of external USB devices with the PC, also about longer distances.

For connection of external USB devices (with mini B (5-pin) socket, e. g. MP3-Player, Handy or external HDD enclosure) to the USB Host (e. g. PC, Notebook or USB Hub). Datatransferrate up to 480 Mbps (High-Speed).

- Connector 1: USB A, plug
- Connector 2: Mini USB B, 5-pin, plug
- USB compliance: USB 2.0 compatible
- UL certified: UL2725
- Hoods: molded
- Shielding: double shielding
- AWG: 28
- Wire material: CU
- Connector surface: nickel-plated
- Ferrite filter: none
- Color cable: black
- Color connector: black



Bulk		DIGITUS® Polybag	DIGITUS® Blister	
AK-300108-010-S	1.0 m	On request	**DB-300108-010-S**	1.0 m
AK-300108-018-S	1.8 m	On request	**DB-300108-018-S**	1.8 m
AK-300108-030-S	3.0 m	On request	**DB-300108-030-S**	3.0 m
AK-300108-050-S	5.0 m	On request	**DB-300108-050-S**	5.0 m

USB 2.0 connection cable, A/M - miniB(5pin)/M

Gold plated connectors and a high screening gage allow a reliable and quick connection of external USB devices with the PC, also about longer distances.

For connection of external USB devices (with mini B (5-pin) socket, e. g. MP3-Player, Handy or external HDD enclosure) to the USB Host (e. g. PC, Notebook or USB Hub). Datatransferrate up to 480 Mbps (High-Speed).

- Connector 1: USB A, plug
- Connector 2: Mini USB B, 5-pin, plug
- USB compliance: USB 2.0
- UL certified: UL2725
- Hoods: molded
- Shielding: double shielding
- AWG: 24/28
- Wire material: CU
- Connector surface: gold-plated
- Ferrite filter: none
- Color cable: black
- Color connector: black/grey



Bulk	DIGITUS® Polybag		DIGITUS® Blister	
-	**DK-300121-010-D**	1.0m	**DB-300121-010-D**	1.0m
-	**DK-300121-018-D**	1.8 m	**DB-300121-018-D**	1.8 m
-	**DK-300121-030-D**	3.0 m	**DB-300121-030-D**	3.0 m
-	**DK-300121-050-D**	5.0 m	**DB-300121-050-D**	5.0 m

USB 2.0 connection cable, A/M - micro A/M

The dense screening allows a reliable and fast connection of external USB devices with the PC, also about longer distances.

For connection of external USB devices (with micro A socket, e. g. digital camera or Handy) to the USB Host (e. g. PC, Notebook or USB Hub). Datatransferrate up to 480 Mbps (High-Speed).

- Connector 1: USB A, plug
- Connector 2: Micro USB A, plug
- USB compliance: USB 2.0
- UL certified: UL2725
- Hoods: molded
- Shielding: double shielding
- AWG: 28
- Wire material: CU
- Connector surface: nickel-plated
- Ferrite filter: none
- Color cable: black
- Color connector: black



Bulk		DIGITUS® Polybag	DIGITUS® Blister	
AK-300109-018-S	1.8 m	On request	**DB-300109-018-S**	1.8 m
AK-300109-030-S	3.0 m	On request	On request	
AK-300109-050-S	5.0 m	On request	On request	

USB 2.0 connection cable, A/M - micro B/M

The dense screening allows a reliable and fast connection of external USB devices with the PC, also about longer distances.

For connection of external USB devices (with USB micro B socket, e. g. MP3-Player, Handy or external HDD enclosure) to the USB Host (e. g. PC, Notebook or USB Hub). Datatransferrate up to 480 Mbps (High-Speed).

- Connector 1: USB A, plug
- Connector 2: Micro USB B, plug
- USB compliance: USB 2.0
- UL certified: UL2725
- Hoods: molded
- Shielding: double shielding
- AWG: 28
- Wire material: CU
- Connector surface: nickel-plated
- Ferrite filter: none
- Color cable: black
- Color connector: black



Bulk		DIGITUS® Polybag	DIGITUS® Blister	
AK-300110-010-S	1.0 m	On request	On request	
AK-300110-018-S	1.8 m	On request	**DB-300110-018-S**	1.8 m
AK-300110-030-S	3.0 m	On request	**DB-300110-030-S**	3.0 m
AK-300110-050-S	5.0 m	On request	On request	

USB 2.0 connection cable, A/M - microB/M

Gold plated connectors and a high screening gage allow a reliable and quick connection of external USB devices with the PC, also about longer distances.

For connection of external USB 2.0 devices (with USB micro B socket, e. g. external HDD enclosure, MP3-Player or Handy) to the USB Host (e. g. PC, Notebook or USB Hub). Datatransferrate up to 5 Gbps (Super-Speed).

- Connector 1: USB A, plug
- Connector 2: Micro USB B, plug
- USB compliance: USB 2.0
- UL certified: UL2725
- Hoods: molded
- Shielding: double shielding
- AWG: 24/28
- Wire material: CU
- Connector surface: gold-plated
- Ferrite filter: 2 x ferrite beads
- Color cable: black
- Color connector: black/grey



Bulk	DIGITUS® Polybag		DIGITUS® Blister	
-	**DK-300126-010-D**	1.0 m	**DB-300126-010-D**	1.0m
-	**DK-300126-018-D**	1.8 m	**DB-300126-018-D**	1.8 m
-	**DK-300126-030-D**	3.0 m	**DB-300126-030-D**	3.0 m
-	**DK-300126-050-D**	5.0 m	**DB-300126-050-D**	5.0 m

USB 2.0 connection cable, micro B/M - micro B/M

The dense screening allows a reliable and fast connection of external USB devices with the PC, also about longer distances.

For connection of external USB devices (with USB micro B socket, e. g. game pad, Handy or PDA). Datatransferrate up to 480 Mbps (High-Speed).

- Connector 1: Micro USB B, plug
- Connector 2: Micro USB B, plug
- USB compliance: USB 2.0
- UL certified: UL2725
- Hoods: molded
- Shielding: double shielding
- AWG: 28
- Wire material: CU
- Connector surface: nickel-plated
- Ferrite filter: none
- Color cable: black
- Color connector: black



Bulk		DIGITUS® Polybag	DIGITUS® Blister	
AK-300111-018-S	1.8 m	On request	On request	
AK-300111-030-S	3.0 m	On request	On request	
AK-300111-050-S	5.0 m	On request	On request	

USB 2.0 Cables

USB 2.0 Y-connection cable, mini B/M (5-pin) - 2x A/M

The dense screening allows a reliable and fast connection of external USB devices with the PC, also about longer distances.

For connection of external HDD enclosures (with USB mini B (5-pin) socket, e.g. for external 6,35 cm / 2.5“ hard disks) without compelling a necessary external electricity supply. Power supply can occurs about the USB interface of the Host (e. g. PC, Notebook or USB Hub). Datatransferrate up to 480 Mbps (High-Speed).

- Connector 1: Mini USB B, 5-pin, plug
- Connector 2: 2 x USB A, plug
- USB compliance: USB 2.0 compatible
- UL certified: UL2725
- Hoods: molded
- Shielding: double shielding
- AWG: 28
- Wire material: CU
- Connector surface: nickel-plated
- Ferrite filter: none
- Color cable: black
- Color connector: black



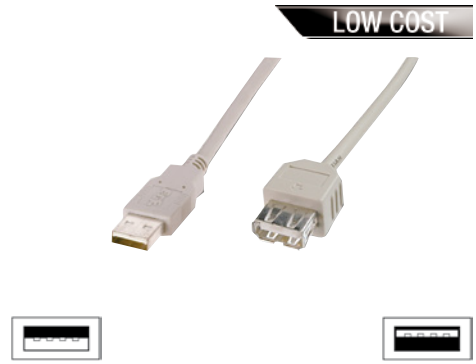
	Bulk	DIGITUS® Polybag	DIGITUS® Blister
AK-300113-010-S	1.0 m	On request	On request

USB extension cable, A/M - A/F

Allows a reliable and fast connection of external USB devices to the PC.

For extension of USB cables or devices (with USB A plug). Datatransferrate up to 480 Mbps (High-Speed).

- Connector 1: USB A, plug
- Connector 2: USB A, jack
- USB compliance: USB 2.0 compatible
- UL certified: UL2725
- Hoods: molded
- Shielding: double shielding
- AWG: 28
- Wire material: CCS
- Connector surface: nickel-plated
- Ferrite filter: none
- Color cable: beige
- Color connector: beige



	Bulk	DIGITUS® Polybag	DIGITUS® Blister
AK-300200-018-E	1.8 m	-	-
AK-300200-030-E	3.0 m	-	-
AK-300200-050-E	5.0 m	-	-

USB extension cable, A/M - A/F

Allows a reliable and fast connection of external USB devices to the PC.

For extension of USB cables or devices (with USB A plug). Datatransferrate up to 480 Mbps (High-Speed).

- Connector 1: USB A, plug
- Connector 2: USB A, jack
- USB compliance: USB 2.0
- UL certified: UL2725
- Hoods: molded
- Shielding: double shielding
- AWG: 28
- Wire material: CCS
- Connector surface: nickel-plated
- Ferrite filter: none
- Color cable: black
- Color connector: black

LOW COST



Bulk		DIGITUS® Polybag	DIGITUS® Blister	
AK-300200-018-S	1.8 m	-	-	
AK-300200-030-S	3.0 m	-	-	
AK-300200-050-S	5.0 m	-	-	

USB extension cable, A/M - A/F

Allows a reliable and fast connection of external USB devices to the PC, with low electromagnetic interference liability.

For extension of USB cables or devices (with USB A plug). Datatransferrate up to 480 Mbps (High-Speed).

- Connector 1: USB A, plug
- Connector 2: USB A, jack
- USB compliance: USB 2.0
- UL certified: UL2725
- Hoods: molded
- Shielding: double shielding
- AWG: 28
- Wire material: CU
- Connector surface: nickel-plated
- Ferrite filter: none
- Color cable: beige
- Color connector: beige

Warranty 5 Years

BASIC



Bulk		DIGITUS® Polybag	DIGITUS® Blister	
AK-300201-018-E	1.8 m	On request	**DB-300201-018-E**	1.8 m
AK-300201-030-E	3.0 m	On request	**DB-300201-030-E**	3.0 m
AK-300201-050-E	5.0 m	On request	**DB-300201-050-E**	5.0 m

USB extension cable, A/M - A/F

Allows a reliable and fast connection of external USB devices to the PC, with low electromagnetic interference liability.

For extension of USB cables or devices (with USB A plug). Datatransferrate up to 480 Mbps (High-Speed).

- Connector 1: USB A, plug
- Connector 2: USB A, jack
- USB compliance: USB 2.0
- UL certified: UL2725
- Hoods: molded
- Shielding: double shielding
- AWG: 28
- Wire material: CU
- Connector surface: nickel-plated
- Ferrite filter: none
- Color cable: black
- Color connector: black

Warranty 5 Years

BASIC



Bulk		DIGITUS® Polybag	DIGITUS® Blister	
AK-300201-018-S	1.8 m	On request	**DB-300201-018-S**	1.8 m
AK-300201-030-S	3.0 m	On request	**DB-300201-030-S**	3.0 m
AK-300201-050-S	5.0 m	On request	**DB-300201-050-S**	5.0 m

USB 2.0 Cables

USB 2.0 extension cable, A/M - A/F

The dense screening allows a reliable and fast connection of external USB devices with the PC, also about longer distances.

For extension of USB cables or devices (with USB A plug). Datatransferrate up to 480 Mbps (High-Speed).

- Connector 1: USB A, plug
- Connector 2: USB A, jack
- USB compliance: USB 2.0
- UL certified: UL2725
- Hoods: molded
- Shielding: double shielding
- AWG: 28
- Wire material: CU
- Connector surface: nickel-plated
- Ferrite filter: none
- Color cable: beige
- Color connector: beige



Bulk		DIGITUS® Polybag	DIGITUS® Blister
AK-300202-018-E	1.8 m	On request	On request
AK-300202-030-E	3.0 m	On request	On request
AK-300202-050-E	5.0 m	On request	On request

USB 2.0 extension cable, A/M - A/F

The dense screening allows a reliable and fast connection of external USB devices with the PC, also about longer distances.

For extension of USB cables or devices (with USB A plug). Datatransferrate up to 480 Mbps (High-Speed).

- Connector 1: USB A, plug
- Connector 2: USB A, jack
- USB compliance: USB 2.0
- UL certified: UL2725
- Hoods: molded
- Shielding: double shielding
- AWG: 28
- Wire material: CU
- Connector surface: nickel-plated
- Ferrite filter: none
- Color cable: black
- Color connector: black



Bulk		DIGITUS® Polybag	DIGITUS® Blister	
AK-300202-018-S	1.8 m	On request	**DB-300202-018-S**	1.8 m
AK-300202-030-S	3.0 m	On request	**DB-300202-030-S**	3.0 m
AK-300202-050-S	5.0 m	On request	**DB-300202-050-S**	5.0 m

USB 2.0 extension cable, A/M - A/F

Gold plated connectors and a high screening gage allow a reliable and quick connection of external USB devices with the PC, also about longer distances.

For extension of USB cables or devices (with USB A plug). Datatransferrate up to 480 Mbps (High-Speed).

- Connector 1: USB A, plug
- Connector 2: USB A, jack
- USB compliance: USB 2.0
- UL certified: UL2725
- Hoods: molded
- Shielding: double shielding
- AWG: 24/28
- Wire material: CU
- Connector surface: gold-plated
- Ferrite filter: none
- Color cable: black
- Color connector: black/grey



Bulk	DIGITUS® Polybag		DIGITUS® Blister	
-	**DK-300207-018-D**	1.8 m	**DB-300207-018-D**	1.8 m
-	**DK-300207-030-D**	3.0 m	**DB-300207-030-D**	3.0 m
-	**DK-300207-050-D**	5.0 m	**DB-300207-050-D**	5.0 m

USB 2.0 repeater cable

Expands the max. USB cable length permitted by additional 5m.

- Extends maximum USB cable length permitted by 5.0m
- A maximum of 3 repeater cables can be combined for a total cable length of 20m
- Compatible with USB specification revision 2.0 and 1.1
- USB A male -> USB A female, cable length 5.0m
- Supports USB low speed (1.5Mbps), full speed (12Mbps) and high speed (480Mbps)
- USB connection supports plug and play
- Plastic housing, aluminum design
- Also usable with USB 2.0 devices featuring their own power supplies
- Operating systems supported: Windows 98SE or later Windows versions



Bulk	DIGITUS® Polybag	DIGITUS® Blister	
On request	On request	**DA-70130**	5.0 m

USB Dockingstation with extension cable, A/M - A/F

The dense screening allows a reliable and fast connection of external USB devices with the PC, also about longer distances.

For an easy and stable USB access on your table. Especially for USB devices (with USB A plug) which must be connected in straight position. Datatransferrate up to 480 Mbps (High-Speed).

- Connector 1: USB A, plug
- Connector 2: USB A, jack
- USB compliance: USB 2.0
- UL certified: UL2725
- Hoods: molded
- Shielding: double shielding
- AWG: 28
- Wire material: CU
- Connector surface: nickel-plated
- Ferrite filter: none
- Color cable: black
- Color connector: black



Bulk	DIGITUS® Polybag	DIGITUS® Blister	
On request	On request	**DB-300204-015-S**	1.5 m

USB 2.0 Cables

USB Slot Bracket cable, 2x USB Port, A/M - 2x 5pin IDC

The dense screening allows a reliable and fast connection of external USB devices with the PC, also about longer distances.

To establish a connection between the USB Motherboard interface and the external USB ports on the slot bracket. Datatransferrate up to 480 Mbps (High-Speed).

- Connector 1: 2 x USB A, jack
- Connector 2: 2 x IDC (5-pin), connector
- USB compliance: USB 2.0
- UL certified: UL2725
- Hoods: molded
- Shielding: double shielding
- AWG: 28
- Wire material: CU
- Connector surface: nickel-plated
- Color cable: beige
- Color connector: beige



	Bulk	DIGITUS® Polybag	DIGITUS® Blister
AK-300301-002-E	0.25 m	On request	On request

USB Slot Bracket cable, 2x USB Port, A/M - 2x 4pin IDC

The dense screening allows a reliable and fast connection of external USB devices with the PC, also about longer distances.

To establish a connection between the USB Motherboard interface and the external USB ports on the slot bracket. Datatransferrate up to 480 Mbps (High-Speed).

- Connector 1: 2 x USB A, jack
- Connector 2: 2 x IDC (4-pin), connector
- USB compliance: USB 2.0
- UL certified: UL2725
- Hoods: molded
- Shielding: double shielding
- AWG: 28
- Wire material: CU
- Connector surface: nickel-plated
- Color cable: beige
- Color connector: beige



	Bulk	DIGITUS® Polybag	DIGITUS® Blister
AK-300302-002-E	0.25 m	On request	On request

USB Slot Bracket cable, 2x USB Port, A/M - 2x 10pin IDC

The dense screening allows a reliable and fast connection of external USB devices with the PC, also about longer distances.

To establish a connection between the USB Motherboard interface and the external USB ports on the slot bracket. Datatransferrate up to 480 Mbps (High-Speed).

- Connector 1: 2 x USB A, jack
- Connector 2: 2 x IDC (10-pin), connector
- USB compliance: USB 2.0
- UL certified: UL2725
- Hoods: molded
- Shielding: double shielding
- AWG: 28
- Wire material: CU
- Connector surface: nickel-plated
- Color cable: beige
- Color connector: beige



	Bulk	DIGITUS® Polybag	DIGITUS® Blister
AK-300304-002-E	0.25 m	On request	On request

USB adapter, A/F - B/F

Allows a reliable and fast connection of different USB devices and cables.

Compact adapter for connecting of standard USB A and B cables. Datatransferrate up to 480 Mbps (High-Speed).

- Connector 1: USB A, jack
- Connector 2: USB B, jack
- USB compliance: USB 2.0
- UL certified: non UL
- Hoods: molded
- Shielding: Unshielded
- Connector surface: nickel-plated
- Color connector: black



Bulk	DIGITUS® Polybag	DIGITUS® Blister
AK-300500-000-S	On request	DB-300503-000-S

USB adapter, A/F - B/M

Allows a reliable and fast connection of different USB devices and cables.

Compact adapter for connecting of an USB device (with USB B jack) with a normal USB A connection cable.

- Connector 1: USB A, jack
- Connector 2: USB B, plug
- USB compliance: USB 2.0
- UL certified: non UL
- Hoods: molded
- Shielding: Unshielded
- Connector surface: nickel-plated
- Color connector: black



Bulk	DIGITUS® Polybag	DIGITUS® Blister
AK-300501-000-S	On request	On request

USB adapter, A/M - B/F

Allows a reliable and fast connection of different USB devices and cables.

Compact adapter for connecting of an USB device (with USB B jack) to a USB A PC interface by usage of a normal USB B connection cable. Datatransferrate up to 480 Mbps (High-Speed).

- Connector 1: USB A, plug
- Connector 2: USB B, jack
- USB compliance: USB 2.0
- UL certified: non UL
- Hoods: molded
- Shielding: Unshielded
- Connector surface: nickel-plated
- Color connector: black



Bulk	DIGITUS® Polybag	DIGITUS® Blister
AK-300502-000-S	On request	On request

USB 2.0 Adapters

USB adapter, A/F - A/F

Allows a reliable and fast connection of different USB devices and cables.

Compact adapter for connecting of two USB A connection cables, for example (up to 480 Mbps, High-Speed).

- Connector 1: USB A, jack
- Connector 2: USB A, jack
- USB compliance: USB 2.0
- UL certified: non UL
- Hoods: molded
- Shielding: Unshielded
- Connector surface: nickel-plated
- Color connector: black



Bulk	DIGITUS® Polybag	DIGITUS® Blister
AK-300503-000-S	On request	On request

USB adapter, B/F - B/F

Allows a reliable and fast connection of different USB devices and cables.

Compact adapter for connection of two USB, B to B connection cables, for example. Datatransferrate up to 480 Mbps (High-Speed).

- Connector 1: USB B, jack
- Connector 2: USB B, jack
- USB compliance: USB 2.0
- UL certified: non UL
- Hoods: molded
- Shielding: Unshielded
- Connector surface: nickel-plated
- Color connector: black



Bulk	DIGITUS® Polybag	DIGITUS® Blister
AK-300504-000-S	On request	On request

USB adapter, micro B/M - USB A/F

Allows a reliable and fast connection of different USB devices and cables.

Compact adapter for connection of USB cables and devices (with USB micro B socket, e. g. Handy or external HDD enclosure) to the USB Host (e. g. PC, Notebook or USB Hub) by usage of an USB 3.0, A to A connection cable, for example. Datatransferrate up to 480 Mbps (High-Speed).

- Connector 1: Micro USB B, plug
- Connector 2: USB A, jack
- USB compliance: USB 2.0
- UL certified: non UL
- Hoods: snap hood
- Shielding: Unshielded
- Connector surface: nickel-plated
- Color connector: black



Bulk	DIGITUS® Polybag	DIGITUS® Blister
AK-300507-000-S	On request	On request

Single control for two computers – also with HDMI.

The DIGITUS® Mini KVM Switch now also comes with an HDMI interface. Two computers can now be controlled via one USB mouse and keyboard, and displayed on an HDMI monitor, including even sound reproduction.

2,5 IDE HDD *3,5 IDE HDD*



SATA HDD

DS-11900



HDMI
HIGH-DEFINITION MULTIMEDIA INTERFACE

01.02 // USB Cables_USB 3.0

On the following pages, you will find our complete range of USB cables and adapters. For orientation purposes, we describe here a briefly how the four quality levels (Low Cost, Basic, Classic, Premium) differ from each other. Low Cost and Basic cables can be used without problems for data transmission for simple products such as mice, serial adapters and printers. In the case of devices which are also supplied with power via the USB cable, and depending on the cable length, high voltage drops may occur in the cable due to the resistance of the materials. It may happen for example that an external 2.5" hard disk which is connected by a simple cable has problems with the startup of the magnetic disks. A USB Wi-Fi adapter can experience problems with the transmitter range when using a simple cable due to the voltage drop. This means that the greater the data throughput, the power consumption and cable length of a USB cable, the higher should be the quality of the cable used.

Spec Overview

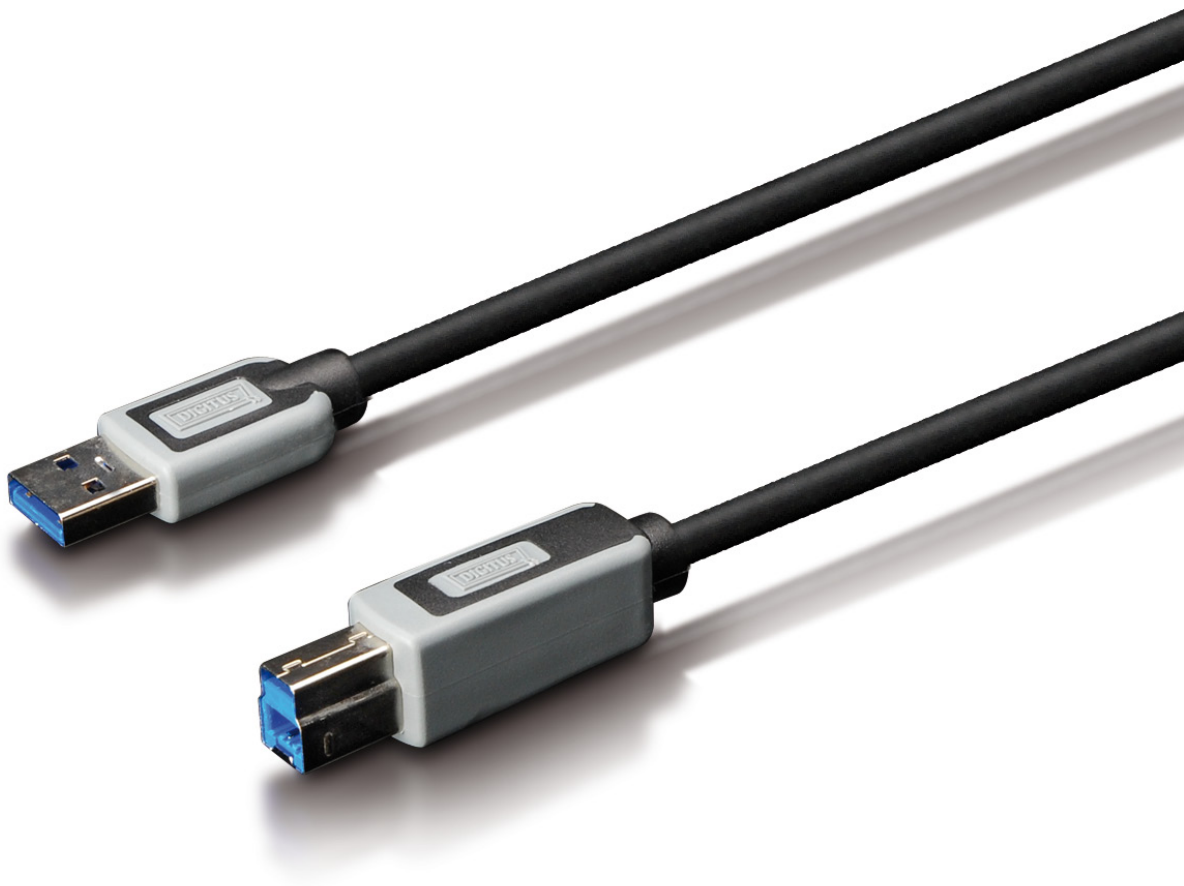
USB 3.0

		Low Cost	Basic	Classic	Premium
Description	Classification				
	Version	USB 3.0	USB 3.0	USB 3.0	USB 3.0
	USB Standard	Suitable	Compatible	Conform	Conform
Features:	UL-conform	Yes	Yes	Yes	Yes
	Housing	Molded	Molded	Molded	Molded
	Connector surface	Nickel plated	Nickel plated	Nickel plated	Gold flash
	Shielding	Double shielded	Double shielded	Double shielded	Double shielded
Construction details	Twisted Pairs	Yes	Yes	Yes	Yes
	AWG-Number	28/28	30/30	28/28	24/28
	Conductor Material	CCS	Cu	Cu	Cu
	Covered contacts	Gold flash	Gold flash	Gold flash	Gold flash
	Shielding	Foil + Braid	Foil + Braid	Foil + Braid	Foil + Braid
		50%	65%	65%	85%
	Foil Material	AL / Mylar	AL / Mylar	AL / Mylar	AL / Mylar
	Braid Material	AL	AL	AL	AL
	Drainwire	CCS / AWG 28	CCS / AWG 28	CU / AWG 28	CU / AWG 28

USB 3.0 Adapter

		Low Cost	Basic	Classic	Premium
Description	Classification:				
	Version:	USB 3.0	USB 3.0	USB 3.0	USB 3.0
	Certified:	Compatible	Compatible	Conform	Conform
	UL-conform:	No	No	No	No
Features	Shielding:	Unshielded	Unshielded	Unshielded	Shielded
	Connector:	Nickel plated	Nickel plated	Nickel plated	Gold flash
Construction details	Twisted Pairs:	No	Yes	Yes	Yes
	AWG-Number:	28	26	26	26
	Conductor Material:	Cu	Cu	Cu	Cu
	Covered contacts:	Gold flash	Gold flash	Gold flash	Gold plated 15u
	Shielding:	----	----	----	Foil
		----	----	----	Overall
	Foil Material:	----	----	----	CCA

The individual data can differ from the actual specs. Therefore please request the data sheet.



Finder

Connector combination **USB 3.0 Cable**			Low Cost	Basic	Classic	Premium
USB 3.0 type A plug	⇔	USB 3.0 type A plug	----	----	p. 28	p. 28
USB 3.0 type A plug	⇔	USB 3.0 type B plug	----	----	----	p. 29
USB 3.0 type A plug	⇔	USB 3.0 type Micro B plug	----	----	p. 30	p. 30
USB 3.0 type A plug	⇔	USB 3.0 type A jack	----	----	p. 30	p. 31
USB 3.0 type B plug	⇔	USB 3.0 type B plug	----	----	p. 29	p. 29

Connector combination **USB 3.0 Adapter**			Low Cost	Basic	Classic	Premium
USB 3.0 type A jack	⇔	USB 3.0 type A jack	----	----	p. 32	----
USB 3.0 type A plug	⇔	USB 3.0 type B jack	----	----	p. 32	----
USB 3.0 type A jack	⇔	USB 3.0 type B plug	----	----	p. 31	----
USB 3.0 type A jack	⇔	USB 3.0 type B jack	----	----	p. 31	----
USB 3.0 type B jack	⇔	USB 3.0 type B jack	----	----	p. 32	----
USB 3.0 type Micro B plug	⇔	USB 3.0 type A jack	----	----	p. 33	----
USB 3.0 type Micro B plug	⇔	USB 3.0 type B jack	----	----	p. 33	----

USB 3.0 Cables

USB 3.0 connection cable, A/M - A/M

For connection of external USB 3.0 devices (with A socket) to the USB Host (e. g. PC, Notebook or USB Hub). Datatransferrate up to 480 Mbps (High-Speed).

- Connector 1: USB A, plug
- Connector 2: USB A, plug
- USB compliance: USB 3.0
- UL certified: UL2725
- Hoods: molded
- Shielding: double shielding
- AWG: 28
- Wire material: CU
- Connector surface: nickel-plated
- Ferrite filter: none
- Color cable: black
- Color connector: black



Bulk		DIGITUS® Polybag	DIGITUS® Blister
AK-112310	1.0 m	On request	On request
AK-112311	1.8 m	On request	On request
AK-112312	3.0 m	On request	On request
AK-112313	5.0 m	On request	On request

USB 3.0 connection cable, A/M - A/M

For connection of external USB 3.0 devices (with A socket) to the USB Host (e. g. PC, Notebook or USB Hub). Datatransferrate up to 480 Mbps (High-Speed).

- Connector 1: USB A, plug
- Connector 2: USB A, plug
- USB compliance: USB 3.0
- UL certified: UL2725
- Hoods: molded
- Shielding: double shielding
- AWG: 28
- Wire material: CU
- Connector surface: nickel-plated
- Ferrite filter: none
- Color cable: black
- Color connector: black/grey



Bulk	DIGITUS® Polybag		DIGITUS® Blister	
-	**DK-112310**	1.0 m	**DB-272434**	1.0 m
-	**DK-112311**	1.8 m	**DB-272465**	1.8 m
-	**DK-112312**	3.0 m	**DB-272502**	3.0 m
-	**DK-112313**	5.0 m	**DB-272533**	5.0 m

USB 3.0 connection cable, A/M - B/M

Gold plated connectors and a high screening gage allow a reliable and quick connection of external USB 3.0 devices with the PC, also about longer distances.

For connection of external USB 3.0 devices (with B socket, e. g. external HDD enclosure, scanner or printer) to the USB Host (e. g. PC, Notebook or USB Hub). Datatransferrate up to 5 Gbps (Super-Speed).

- Connector 1: USB A, plug
- Connector 2: USB B, plug
- USB compliance: USB 3.0
- UL certified: UL2725
- Hoods: molded
- Shielding: double shielding
- AWG: 28
- Wire material: CU
- Connector surface: nickel-plated
- Ferrite filter: none
- Color cable: black
- Color connector: black



Bulk		DIGITUS® Polybag	DIGITUS® Blister
AK-112300	1.0 m	On request	On request
AK-112301	1.8 m	On request	On request
AK-112302	3.0 m	On request	On request
AK-112303	5.0 m	On request	On request

USB 3.0 connection cable, A/M - B/M

Gold plated connectors and a high screening gage allow a reliable and quick connection of external USB 3.0 devices with the PC, also about longer distances.

For connection of external USB 3.0 devices (with B socket, e. g. external HDD enclosure, scanner or printer) to the USB Host (e. g. PC, Notebook or USB Hub). Datatransferrate up to 5 Gbps (Super-Speed).

- Connector 1: USB A, plug
- Connector 2: USB B, plug
- USB compliance: USB 3.0
- UL certified: UL2725
- Hoods: molded
- Shielding: double shielding
- AWG: 28
- Wire material: CU
- Connector surface: nickel-plated
- Ferrite filter: none
- Color cable: black
- Color connector: black/grey

PREMIUM



Bulk	DIGITUS® Polybag		DIGITUS® Blister	
On request	**DK-112300**	1.0 m	**DB-272366**	1.0 m
On request	**DK-112301**	1.8 m	**DB-272380**	1.8 m
On request	**DK-112302**	3.0 m	**DB-272403**	3.0 m
On request	**DK-112303**	5.0 m	**DB-272427**	5.0 m

USB 3.0 connection cable, B/M - B/M

Gold plated connectors and a high screening gage allow a reliable and quick connection of external USB 3.0 devices with the PC, also about longer distances.

For connection of external USB 3.0 devices (with B socket). Datatransferrate up to 5 Gbps (Super-Speed).

- Connector 1: USB B, plug
- Connector 2: USB B, plug
- USB compliance: USB 3.0
- UL certified: UL2725
- Hoods: molded
- Shielding: double shielding
- AWG: 28
- Wire material: CU
- Connector surface: nickel-plated
- Ferrite filter: none
- Color cable: black
- Color connector: black

CLASSIC



Bulk		DIGITUS® Polybag	DIGITUS® Blister
AK-112320	1.0 m	On request	On request
AK-112321	1.8 m	On request	On request

USB 3.0 connection cable, B/M - B/M

Gold plated connectors and a high screening gage allow a reliable and quick connection of external USB 3.0 devices with the PC, also about longer distances.

For connection of external USB 3.0 devices (with B socket). Datatransferrate up to 5 Gbps (Super-Speed).

- Connector 1: USB B, plug
- Connector 2: USB B, plug
- USB compliance: USB 3.0
- UL certified: UL2725
- Hoods: molded
- Shielding: double shielding
- AWG: 28
- Wire material: CU
- Connector surface: nickel-plated
- Ferrite filter: none
- Color cable: black
- Color connector: black/grey

PREMIUM



Bulk	DIGITUS® Polybag		DIGITUS® Blister	
-	**DK-112320**	1.0 m	**DB-272656**	1.0 m
-	**DK-112321**	1.8 m	**DB-272663**	1.8 m

USB 3.0 Cables

USB 3.0 connection cable, A/M - Micro B/M

USB 3.0 connection cable for the connection of a USB hub or USB device (with B Micro female) to the PC USB port, data transfer up to 5000 Mbps (Super-Speed).

- Connector 1: USB A, plug
- Connector 2: Micro USB B, plug
- USB compliance: USB 3.0
- UL certified: UL2725
- Hoods: molded
- Shielding: double shielding
- AWG: 28
- Wire material: CU
- Connector surface: nickel-plated
- Ferrite filter: none
- Color cable: black
- Color connector: black



Bulk		DIGITUS® Polybag	DIGITUS® Blister
AK-112344	0.25 m	On request	On request
AK-112340	1.0 m	On request	On request
AK-112341	2.0 m	On request	On request
AK-112342	3.0 m	On request	On request
AK-112343	5.0 m	On request	On request

USB 3.0 connection cable, A/M - Micro B/M

USB 3.0 connection cable for the connection of a USB hub or USB device (with B Micro female) to the PC USB port, data transfer up to 5000 Mbps (Super-Speed).

- Connector 1: USB A, plug
- Connector 2: Micro USB B, plug
- USB compliance: USB 3.0
- UL certified: UL2725
- Hoods: molded
- Shielding: double shielding
- AWG: 28
- Wire material: CU
- Connector surface: nickel-plated
- Ferrite filter: none
- Color cable: black
- Color connector: black/grey



Bulk	DIGITUS® Polybag		DIGITUS® Blister	
-	**DK-112340**	1.0 m	**DB-272700**	1.0 m
-	**DK-112341**	1.8 m	**DB-272717**	2.0 m
-	**DK-112342**	3.0 m	**DB-272724**	3.0 m
-	**DK-112343**	5.0 m	**DB-272731**	5.0 m

USB 3.0 extension cable, A/M - A/F

The dense screening allows a reliable and fast connection of external USB 3.0 devices with the PC, also about longer distances.

For extension of USB 3.0 cables or devices (with USB A plug). Datatransferrate up to 5 Gbps (Super-Speed).

- Connector 1: USB A, plug
- Connector 2: USB A, jack
- USB compliance: USB 3.0
- UL certified: UL2725
- Hoods: molded
- Shielding: double shielding
- AWG: 28
- Wire material: CU
- Connector surface: nickel-plated
- Ferrite filter: none
- Color cable: black
- Color connector: black



Bulk		DIGITUS® Polybag	DIGITUS® Blister
AK-112330	1.8 m	On request	On request
AK-112331	3.0 m	On request	On request
AK-112332	5.0 m	On request	On request

USB 3.0 extension cable, A/M - A/F

The dense screening allows a reliable and fast connection of external USB 3.0 devices with the PC, also about longer distances.

For extension of USB 3.0 cables or devices (with USB A plug). Datatransferrate up to 5 Gbps (Super-Speed).

- Connector 1: USB A, plug
- Connector 2: USB A, jack
- USB compliance: USB 3.0
- Hoods: molded
- Shielding: double shielding
- AWG: 28
- Wire material: CU
- UL certified: UL2725
- Connector surface: nickel-plated
- Ferrite filter: none
- Color cable: black
- Color connector: black/grey

PREMIUM



Bulk	DIGITUS® Polybag		DIGITUS® Blister	
-	DK-112330	1.8 m	DB-272670	1.8 m
-	DK-112331	3.0 m	DB-272687	3.0 m
-	DK-112332	5.0 m	DB-272694	5.0 m

USB 3.0 adapter, A/F - B/F

Allows a reliable and fast connection of different USB 3.0 devices and cables.

Compact adapter for extension of two USB 3.0, A to B connection cables. Datatransfer rate up to 5 Gbps (Super-Speed).

- Connector 1: USB A, jack
- Connector 2: USB B, jack
- USB compliance: USB 3.0
- UL certified: non UL
- Hoods: molded
- Shielding: Unshielded
- Connector surface: nickel-plated
- Color connector: black

CLASSIC

NEW



Bulk	DIGITUS® Polybag	DIGITUS® Blister
AK-300510-000-S	On request	On request

USB 3.0 adapter, A/F - B/M

Allows a reliable and fast connection of different USB 3.0 devices and cables.

Compact adapter for connection of USB 3.0 cables and devices (with USB B socket) by usage of an USB 3.0, A to A connection cable, for example. Datatransferrate up to 5 Gbps (Super-Speed).

- Connector 1: USB A, jack
- Connector 2: USB B, plug
- USB compliance: USB 3.0
- UL certified: non UL
- Hoods: molded
- Shielding: Unshielded
- Connector surface: nickel-plated
- Color connector: black

CLASSIC

NEW



Bulk	DIGITUS® Polybag	DIGITUS® Blister
AK-300511-000-S	On request	On request

USB 3.0 Adapters

USB 3.0 adapter, A/M - B/F

Allows a reliable and fast connection of different USB 3.0 devices and cables.

Compact adapter for connection of USB 3.0 cables and devices (with USB B socket) to the USB Host (e. g. PC, Notebook or USB Hub) by usage of an USB 3.0, B to B connection cable, for example. Datatransferrate up to 5 Gbps (Super-Speed).

- Connector 1: USB A, plug
- Connector 2: USB B, jack
- USB compliance: USB 3.0
- UL certified: non UL
- Hoods: molded
- Shielding: Unshielded
- Connector surface: nickel-plated
- Color connector: black



Bulk	DIGITUS® Polybag	DIGITUS® Blister
AK-300512-000-S	On request	On request

USB 3.0 adapter, A/F - A/F

Allows a reliable and fast connection of different USB 3.0 devices and cables.

Compact adapter for connecting respectively extension of two USB 3.0, A to A connection cables, for example. Datatransfer speed up to 5 Gbps (Super-Speed).

- Connector 1: USB A, jack
- Connector 2: USB A, jack
- USB compliance: USB 3.0
- UL certified: non UL
- Hoods: molded
- Shielding: Unshielded
- Connector surface: nickel-plated
- Color connector: black



Bulk	DIGITUS® Polybag	DIGITUS® Blister
AK-300513-000-S	On request	On request

USB 3.0 adapter, B/F - B/F

Allows a reliable and fast connection of different USB 3.0 devices and cables.

Compact adapter for connection of two USB 3.0, B to B connection cables, for example. Datatransfer rate up to 5 Gbps (Super-Speed).

- Connector 1: USB B, jack
- Connector 2: USB B, jack
- USB compliance: USB 3.0
- UL certified: non UL
- Hoods: molded
- Shielding: Unshielded
- Connector surface: nickel-plated
- Color connector: black



Bulk	DIGITUS® Polybag	DIGITUS® Blister
AK-300514-000-S	On request	On request

USB 3.0 adapter, micro B/M - A/F

Allows a reliable and fast connection of different USB 3.0 devices and cables.

Compact adapter for connection of USB 3.0 cables and devices (with USB micro B socket) to the USB Host (e. g. PC, Notebook or USB Hub) by usage of an USB 3.0, A to A connection cable, for example. Datatransferrate up to 5 Gbps (Super-Speed).

- Connector 1: Micro USB B, plug
- Connector 2: USB A, jack
- USB compliance: USB 3.0
- UL certified: non UL
- Hoods: molded
- Shielding: Unshielded
- Connector surface: nickel-plated
- Color connector: black

CLASSIC

NEW



Bulk	DIGITUS® Polybag	DIGITUS® Blister
AK-300516-000-S	On request	On request

USB 3.0 adapter, micro B/M - B/F

Allows a reliable and fast connection of different USB 3.0 devices and cables.

Compact adapter for connection of USB cables and devices with USB micro B or USB B plugs. Datatransferrate up to 480 Mbps (High-Speed).

- Connector 1: Micro USB B, jack
- Connector 2: USB B, jack
- USB compliance: USB 3.0
- UL certified: non UL
- Hoods: molded
- Shielding: Unshielded
- Connector surface: nickel-plated
- Color connector: black

CLASSIC

NEW



Bulk	DIGITUS® Polybag	DIGITUS® Blister
AK-300517-000-S	On request	On request

01.03 // Monitor Cables_VGA/XGA Cables

Monitor cables generally known as VGA cables are more accurately still divided into VGA and XGA cables, although they are actuated by the same connector. The older standard VGA, depending on quality level, supports resolutions of 800 x 600 pixels to 1024 x 768 pixels. VGA cables are still in use wherever higher resolutions or digital interfaces are neither required nor desired. The newer XGA cables represent the analog alternative to digital interfaces such as DVI or HDMI (as regards video transmission). XGA cables are equipped with additional ferrites for the suppression of interference, and in terms of their physical characteristics and improved construction are designed for significantly higher resolutions. In the Premium range, these can even be used for QXGA resolution of up to 2048 x 1536 pixels.

Spec Overview

VGA Monitor Cables

		Low Cost	Basic	Classic	Premium
Description	Classification				
	Version	VGA Monitor Cable	VGA Monitor Cable	VGA Monitor Cable	VGA Monitor Cable
Features	Recommended resolution	640 * 480	800 * 600	800 * 600	1024 * 768
	Model	Variable	3C + 4-Wire	3Coax + 4-Wire	3Coax + 4-Wire
	UL-conform	No	No	Yes	Yes
	Display Data Channel	No	No	DDC2	DDC2
	Housing	Molded	Molded	Molded	Molded
	Connector surface	Nickel plated	Nickel plated	Nickel plated	Gold flash
	Shielding	Single shielded	Single shielded	Double shielded	Double shielded
	Ferrit core	----	----	----	----
Construction details	Coax for RGB wire	No	3cf coax	Yes	Yes
	AWG-Number	30/28	30/28	28	28
	Conductor Material	Cu	Cu	Cu	Cu
	Drainwire	Yes	CU / AWG 28	CU / AWG 28	CU / AWG 28
	Gold contacts	Gold flash	Gold flash	Gold flash	Gold flash
	Shielding	Foil	Braid	Foil + Braid	Foil + Braid
		Overall	65%	85%	85%
	Foil Material	AL / Mylar	AL / Mylar	AL / Mylar	AL / Mylar
	Braid Material	----	AL	AL	AL

VGA Monitor Cables

		Low Cost	Basic	Classic	Premium
Description	Classification				
	Version	XGA Monitor Cable	XGA Monitor Cable	XGA Monitor Cable	XGA Monitor Cable
Features	Recommended resolution	1024 * 768	1024 * 768	1280 * 1024	1280 * 1024
	Model	Variable	3C + 4-Wire	3Coax + 7-Wire	3Coax + 9-Wire
	UL-conform	No	No	Yes	Yes
	Display Data Channel	No	No	DDC2	DDC2
	Housing	Molded	Molded	Molded	Molded
	Connector surface	Nickel plated	Nickel plated	Nickel plated	Gold flash
	Shielding	Single shielded	Single shielded	Double shielded	Double shielded
	Ferrit core	----	2x small	2x	2x
Construction details	Coax for RGB wire	No	3cf coax	Yes	Yes
	AWG-Number	30/28	30/28	28	28
	Conductor Material	Cu	Cu	Cu	Cu
	Drainwire	CU / AWG 28	CU / AWG 28	CU / AWG 28	CU / AWG 28
	Gold contacts	Gold flash	Gold flash	Gold flash	Gold flash
	Shielding	Braid	Braid	Foil + Braid	Foil + Braid
		65%	65%	85%	85%
	Foil Material	----	----	AL / Mylar	AL / Mylar
	Braid Material	AL	AL	AL	AL

The individual data can differ from the actual specs. Therefore please request the data sheet.



Finder

Connector combination **Monitor VGA Cable**			Low Cost	Basic	Classic	Premium
Monitor HD15 plug	⇔	HD15 plug	----	p. 37	p. 37	p. 37
Monitor HD15 plug	⇔	HD15 jack	----	p. 38	p. 39	p. 38
Monitor HD15 plug	⇔	5x BNC plug	----	----	p. 40	p. 40
Monitor HD15 plug	⇔	2x HD15 jack	----	----	p. 40	----
Monitor HD15 plug	⇔	3x RCA(RGB) jack + HD15 jack	----	----	p. 41	----

Monitor Cables

VGA Monitor connection cable, HD15/M - HD15/M

Reduces external interferences and allows a good signal transference.

For connection of a PC, for example, with a Monitor or Beamer/Projector.

- Connector 1: HD DSUB, 15-pin, plug
- Connector 2: HD DSUB, 15-pin, plug
- Cable type: 3cf + 4-wire
- UL certified: non UL
- Display Data Channel: DDC2
- Hoods: molded
- Shielding: single shielding
- AWG: 28
- Wire material: CU
- Connector surface: nickel-plated
- Ferrite filter: none
- Color cable: beige
- Color connector: beige

BASIC



Bulk		DIGITUS® Polybag	DIGITUS® Blister	
AK-310100-018-E	1.8 m	On request	**DB-310100-018-E**	
AK-310100-030-E	3.0 m	On request	On request	
AK-310100-050-E	5.0 m	On request	On request	

VGA Monitor connection cable, HD15/M - HD15/M

Protects against external interferences, for an optimum monitor picture.

For connection of a PC, for example, with a Monitor or Beamer/Projector.

- Connector 1: HD DSUB, 15-pin, plug
- Connector 2: HD DSUB, 15-pin, plug
- Cable type: 4-wire
- UL certified: UL2919
- Display Data Channel: DDC2
- Hoods: molded
- Shielding: double shielding
- AWG: 28
- Wire material: CU
- Connector surface: nickel-plated
- Ferrite filter: none
- Color cable: beige
- Color connector: beige

CLASSIC



Bulk		DIGITUS® Polybag	DIGITUS® Blister	
AK-310101-018-E	1.8 m	On request	On request	
AK-310101-030-E	3.0 m	On request	**DB-310101-030-E**	3.0 m
AK-310101-050-E	5.0 m	On request	On request	
AK-310101-100-E	10.0 m	On request	On request	

VGA monitor connection cable, HD15/M - HD15/M

Fulfils high demandss to the image quality by gold plated contacts and a double shielding.

For connection of a PC, for example, with a Monitor or Beamer/Projector.

- Connector 1: HD DSUB, 15-pin, plug
- Connector 2: HD DSUB, 15-pin, plug
- Cable type: 3Coax + 4-wire
- UL certified: UL2919
- Display Data Channel: DDC2
- Hoods: molded
- Shielding: double shielding
- AWG: 28
- Wire material: CU
- Connector surface: gold-plated
- Ferrite filter: none
- Color cable: black
- Color connector: black/grey

PREMIUM



Bulk	DIGITUS® Polybag		DIGITUS® Blister	
-	**DK-310104-018-D**	1.8 m	**DB-310104-018-D**	1.8 m
-	**DK-310104-030-D**	3.0 m	**DB-310104-030-D**	3.0 m
-	**DK-310104-050-D**	5.0 m	**DB-310104-050-D**	5.0 m

VGA Monitor connection cable, HD15/M - HD15/M

Protects against external interferences on a high level to prevent ghost images and other image faults.

For connection of a PC, for example, with a Monitor or Beamer/Projector.

- Connector 1: HD DSUB, 15-pin, plug
- Connector 2: HD DSUB, 15-pin, plug
- Cable type: 3cf + 4-wire
- UL certified: UL2919
- Display Data Channel: DDC2
- Hoods: molded
- Shielding: single shielding
- AWG: 28/30
- Wire material: CU
- Connector surface: nickel-plated
- Ferrite filter: 2 x ferrite beads
- Color cable: beige
- Color connector: beige

BASIC



Bulk		DIGITUS® Polybag	DIGITUS® Blister
AK-310102-018-E	1.8 m	On request	On request
AK-310102-030-E	3.0 m	On request	On request
AK-310102-050-E	5.0 m	On request	On request
AK-310102-100-E	10.0 m	On request	On request

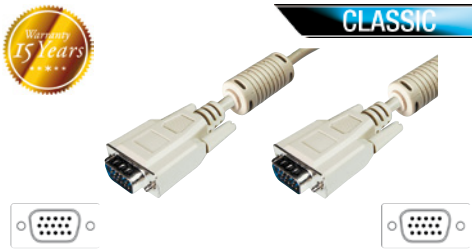
VGA Monitor connection cable, HD15/M - HD15/M

Offers high-quality protection against external interferences and prevents ghost images and other image faults.

For connection of a PC, for example, with a Monitor or Beamer/Projector.

- Connector 1: HD DSUB, 15-pin, plug
- Connector 2: HD DSUB, 15-pin, plug
- Cable type: 3Coax + 7-wire
- UL certified: UL2919
- Display Data Channel: DDC2
- Hoods: molded
- Shielding: double shielding
- AWG: 28
- Wire material: CU
- Connector surface: nickel-plated

CLASSIC



Bulk		DIGITUS® Polybag	DIGITUS® Blister
AK-310103-005-E	0.5 m	On request	On request
AK-310103-010-E	1.0 m	On request	On request
AK-310103-018-E	1.8 m	On request	On request
AK-310103-030-E	3.0 m	On request	On request
AK-310103-050-E	5,0 m	On request	On request
AK-310103-100-E	10.0 m	On request	On request
AK-310103-150-E	15.0 m	On request	-
AK-310103-200-E	20.0 m	On request	-

VGA monitor connection cable, HD15/M - HD15/M

Satisfies the highest demands to the image quality by gold platedt contacts, ferrites and a triple shielding.

For connection of a PC, for example, with a Monitor or Beamer/Projector.

- Connector 1: HD DSUB, 15-pin, plug
- Connector 2: HD DSUB, 15-pin, plug
- Cable type: 3Coax + 9-wire
- UL certified: non UL
- Display Data Channel: DDC2
- Hoods: molded
- Shielding: double shielding
- AWG: 28
- Wire material: CU
- Connector surface: gold-plated
- Ferrite filter: 2 x ferrite beads

PREMIUM



Bulk	DIGITUS® Polybag		DIGITUS® Blister	
-	DK-310105-018-D	1.8 m	DB-310105-018-D	1.8 m
-	DK-310105-030-D	3.0 m	DB-310105-030-D	3.0 m
-	DK-310105-050-D	5.0 m	DB-310105-050-D	5.0 m
-	DK-310105-100-D	10.0 m	On request	
-	DK-310105-150-D	15.0 m	-	
-	DK-310105-200-D	20.0 m	-	

Monitor Cables

VGA Monitor extension cable, HD15/M - HD15/F

Reduces external interferences and allows a good signal transference.

For extension of Monitor cables or devices (with HD15 plug), for example, PC, Monitor or Beamer/Projector.

- Connector 1: DSUB, 9-pin, plug
- Connector 2: HD DSUB, 15-pin, jack
- Cable type: 3cf + 4-wire
- UL certified: non UL
- Display Data Channel: -
- Hoods: molded
- Shielding: single shielding
- AWG: 28/30
- Wire material: CU
- Connector surface: nickel-plated
- Ferrite filter: none
- Color cable: beige
- Color connector: beige



Bulk		DIGITUS® Polybag	DIGITUS® Blister
AK-310200-018-E	1.8 m	On request	On request
AK-310200-030-E	3.0 m	On request	On request
AK-310200-050-E	5.0 m	On request	On request

VGA Monitor connection cable, HD15/M - HD15/M

Protects against external interferences, for an optimum monitor picture.

For extension of Monitor cables or devices (with HD15 plug), for example, PC, Monitor or Beamer/Projector.

- Connector 1: HD DSUB, 15-pin, plug
- Connector 2: HD DSUB, 15-pin, jack
- Cable type: 3Coax + 4-wire
- UL certified: UL2919
- Display Data Channel: DDC2
- Hoods: molded
- Shielding: double shielding
- AWG: 28
- Wire material: CU
- Connector surface: nickel-plated
- Ferrite filter: none
- Color cable: beige
- Color connector: beige



Bulk		DIGITUS® Polybag	DIGITUS® Blister
AK-310201-018-E	1.8 m	On request	On request
AK-310201-030-E	3.0 m	On request	On request
AK-310201-050-E	5.0 m	On request	On request
AK-310201-100-E	10.0 m	On request	On request

VGA Monitor extension cable, HD15/M - HD15F

Fulfils high demandss to the image quality by gold plated contacts and a double shielding.

For extension of Monitor cables or devices (with HD15 plug), for example, PC, Monitor or Beamer/Projector.

- Connector 1: HD DSUB, 15-pin, plug
- Connector 2: HD DSUB, 15-pin, jack
- Cable type: 3Coax + 4-wire
- UL certified: UL2919
- Display Data Channel: DDC2
- Hoods: molded
- Shielding: double shielding
- AWG: 28
- Wire material: CU
- Connector surface: gold-plated
- Ferrite filter: none
- Color cable: black
- Color connector: black/grey



Bulk	DIGITUS® Polybag		DIGITUS® Blister	
-	**DK-310204-018-D**	1.8 m	**DB-310204-018-D**	1.8 m
-	**DK-310204-030-D**	3.0 m	**DB-310204-030-D**	3.0 m
-	**DK-310204-050-D**	5.0 m	**DB-310204-050-D**	5.0 m

VGA Monitor extension cable, HD15/M - HD15/F

Protects against external interferences on a high level to prevent ghost images and other image faults.

For extension of Monitor cables or devices (with HD15 plug), for example, PC, Monitor or Beamer/Projector.

- Connector 1: HD DSUB, 15-pin, plug
- Connector 2: HD DSUB, 15-pin, jack
- Cable type: 3cf + 4-wire
- UL certified: UL2919
- Display Data Channel: DDC2
- Hoods: molded
- Shielding: single shielding
- AWG: 28/30
- Wire material: CU
- Connector surface: nickel-plated
- Ferrite filter: 2 x ferrite beads
- Color cable: beige
- Color connector: beige



Bulk		DIGITUS® Polybag	DIGITUS® Blister
AK-310202-018-E	1.8 m	On request	On request
AK-310202-030-E	3.0 m	On request	On request
AK-310202-050-E	5.0 m	On request	On request
AK-310202-100-E	10.0 m	On request	On request

VGA Monitor extension cable, HD15/M - HD15/F

Offers high-quality protection against external interferences and prevents ghost images and other image faults.

For extension of Monitor cables or devices (with HD15 plug), for example, PC, Monitor or Beamer/Projector.

- Connector 1: HD DSUB, 15-pin, plug
- Connector 2: HD DSUB, 15-pin, jack
- Cable type: 3Coax + 7-wire
- UL certified: UL2919
- Display Data Channel: DDC2
- Hoods: molded
- Shielding: double shielding
- AWG: 28
- Wire material: CU
- Connector surface: nickel-plated
- Ferrite filter: 2 x ferrite beads



Bulk		DIGITUS® Polybag	DIGITUS® Blister
AK-310203-018-E	1.8 m	On request	On request
AK-310203-030-E	3.0 m	On request	On request
AK-310203-050-E	5.0 m	On request	On request
AK-310203-100-E	10.0 m	On request	On request
AK-310203-150-E	15.0 m	On request	-
AK-310203-200-E	20.0 m	On request	-

VGA Monitor extension cable, HD15/M - HD15F

Satisfies the highest demands to the image quality by gold platedt contacts, ferrites and a triple shielding.

For extension of Monitor cables or devices (with HD15 plug), for example, PC, Monitor or Beamer/Projector.

- Connector 1: HD DSUB, 15-pin, plug
- Connector 2: HD DSUB, 15-pin, jack
- Cable type: 3Coax + 9-wire
- UL certified: UL2919
- Display Data Channel: DDC2
- Hoods: molded
- Shielding: triple shielding
- AWG: 28
- Wire material: CU
- Connector surface: gold-plated
- Ferrite filter: 2 x ferrite beads



Bulk	DIGITUS® Polybag		DIGITUS® Blister	
-	DK-310205-018-D	1.8 m	DB-310205-018-D	1.8 m
-	DK-310205-030-D	3.0 m	DB-310205-030-D	3.0 m
-	DK-310205-050-D	5.0 m	DB-310205-050-D	5.0 m
-	DK-310205-100-D	10.0 m	On request	
-	DK-310205-150-D	15.0 m	-	
-	DK-310205-200-D	20.0 m	-	

Monitor Cables

VGA Monitor adapter cable, HD15/M - 5x BNC/M

Protects against external interferences on a high level to prevent ghost images and other image faults.

For connection of a PC, for example, with a Monitor or Beamer/Projector with BNC interfaces.

- Connector 1: HD DSUB, 15-pin, plug
- Connector 2: 5 x BNC, plugs
- Cable type: 5Coax
- UL certified: UL2919
- Display Data Channel: -
- Hoods: molded
- Shielding: double shielding
- AWG: 28
- Wire material: CU
- Connector surface: nickel-plated
- Ferrite filter: 1 x ferrite bead
- Color cable: black
- Color connector: black



Bulk		DIGITUS® Polybag	DIGITUS® Blister
AK-310300-020-S	2.0 m	On request	On request

VGA Monitor adapter cable, HD15/M - 5x BNC/M

Satisfies the highest demands to the image quality by gold platedt contacts, ferrite and a double shielding.

For connection of a PC, for example, with a Monitor or Beamer/Projector with BNC interfaces.

- Connector 1: HD DSUB, 15-pin, plug
- Connector 2: 5 x BNC, plugs
- Cable type: 5Coax
- UL certified: UL2919
- Display Data Channel: -
- Hoods: molded
- Shielding: double shielding
- AWG: 28
- Wire material: CU
- Connector surface: gold-plated
- Ferrite filter: 1 x ferrite bead
- Color cable: black
- Color connector: black/grey



Bulk	DIGITUS® Polybag		DIGITUS® Blister	
-	**DK-310301-020-D**	2.0 m	**DB-310301-020-D**	2.0 m

VGA Monitor Y-splitter cable, HD15/M - 2x HD15/F

Use of 2 Monitors at one PC interface.

For connection of two monitors at one HD15-Interface.

- Connector 1: HD DSUB, 15-pin, plug
- Connector 2: 2 x HD DSUB, 15-pin, jack
- Cable type: 15-wire
- UL certified: UL2919
- Display Data Channel: -
- Hoods: molded
- Shielding: double shielding
- AWG: 28
- Wire material: CU
- Connector surface: nickel-plated
- Ferrite filter: none
- Color cable: black
- Color connector: black



Bulk		DIGITUS® Polybag	DIGITUS® Blister
AK-310400-002-S	0.2 m	On request	On request

VGA Monitor Y-splitter cable, HD15/M - 3x RCA/F + HD15/F

Use of 2 Monitors at one PC interface.

For connection of two monitors with different interfaces at one HD15-Interface.

- Connector 1: HD DSUB, 15-pin, plug
- Connector 2: HD DSUB, 15-pin, jack + 3 x RCA (RGB jack
- Cable type: 15-wire
- UL certified: UL2919
- Display Data Channel: -
- Hoods: molded
- Shielding: double shielding
- AWG: 28
- Wire material: CU
- Connector surface: nickel-plated
- Ferrite filter: none
- Color cable: black
- Color connector: black



	Bulk	DIGITUS® Polybag	DIGITUS® Blister
AK-310401-002-S	1.8 m	On request	On request

01.04 // Monitor Cables_DVI Cables & Adapters

On the following pages, you will find our complete range of DVI cables and adapters. The differences in the quality levels are roughly described below. Low Cost DVI cables, due to their design and the physical characteristics of the material, produce higher attenuation levels, which depending on the cable length can result in a reduction of the bandwidth on the digital channels. On analog channels, this can result in restriction of the resolution or the development of shadow images or blurring at higher resolutions and longer cable lengths due to attenuation or inadequate screening. Therefore, the simpler the design of the cable, the lower should be the maximum cable length in relation to the required resolution.

Spec Overview

DVI-I

	Category	Low Cost	Basic	Classic	Premium
Description	Version	DVI-I	DVI-I	DVI-I	DVI-I
	Video Bandwidth	Single or Dual Link	Single or Dual Link	Single or Dual Link	Single or Dual Link
	No. of Pins	18+5 (Single Link) or 24+5 (Dual Link)	18+5 (Single Link) or 24+5 (Dual Link)	18+5 (Single Link) or 24+5 (Dual Link)	18+5 (Single Link) or 24+5 (Dual Link)
Features	Max. recommended resolution (60Hz)	1920 x 1200 (Single Link) or 2560 x 1600 (Dual Link)	1920 x 1200 (Single Link) or 2560 x 1600 (Dual Link)	1920 x 1200 (Single Link) or 2560 x 1600 (Dual Link)	1920 x 1200 (Single Link) or2560 x 1600 (Dual Link)
	UL-conform	Yes	Yes	Yes	Yes
	Housing	Molded	Molded	Molded	Molded
	Shielding	Double shielded	Double shielded	Double shielded	Triple shielded
	Connector	Nickel plated	Nickel plated	Nickel plated	Gold flash
	Ferrit core	No	No	2x middle size	2x
Construction details	Twisted Pairs	Yes	Yes	Yes	Yes
	AWG-Number	AWG 28	AWG 28/30	AWG 28	AWG 28
	Conductor Material	CCS	CU	CU	CU
	Covered contacts	Gold flash	Gold Flash	Gold flash	Gold flash
	Shielding	Foil + Braid	Foil + Braid	Foil + Braid	Foil + Braid
		Seperate	Seperate	Seperate	Seperate
	Foil Material	AL / Mylar	AL / Mylar	AL / Mylar	AL / Mylar
	Braid Material	AL 65%	AL 85%	AL 85%	AL 85%
	Drainwire	----	CCS AWG28	CU AWG30	CU AWG28

DVI-D

	Category	Low Cost	Basic	Classic	Premium
Description	Version	DVI-D	DVI-D	DVI-D	DVI-D
	Video Bandwidth	Single or Dual Link	Single or Dual Link	Single or Dual Link	Single or Dual Link
	No. of Pins	18+1 (Single Link) or 24+1 (Dual Link)	18+1 (Single Link) or 24+1 (Dual Link)	18+1 (Single Link) or 24+1 (Dual Link)	18+1 (Single Link) or 24+1 (Dual Link)
Features	Max. recommended resolution (60Hz)	1920 x 1200 (Single Link) or 2560 x 1600 (Dual Link)	1920 x 1200 (Single Link) or 2560 x 1600 (Dual Link)	1920 x 1200 (Single Link) or 2560 x 1600 (Dual Link)	1920 x 1200 (Single Link) or 2560 x 1600 (Dual Link)
	UL-conform	Yes	Yes	Yes	Yes
	Housing	Molded	Molded	Molded	Molded
	Shielding	Double shielded	Double shielded	Double shielded	Triple shielded
	Connector	Nickel plated	Nickel plated	Nickel plated	Gold flash
	Ferrit core	No	No	2x middle size	2x
Construction details	Twisted Pairs	Yes	Yes	Yes	Yes
	AWG-Number	AWG 28	AWG 28/30	AWG 28	AWG 28
	Conductor Material	CCS	CU	CU	CU
	Covered contacts	Gold flash	Gold Flash	Gold flash	Gold plated
	Shielding	Foil + Braid	Foil + Braid	Foil + Braid	Foil + Braid
		Variable	Seperate	Seperate	Seperate
	Foil Material	AL / Mylar	AL / Mylar	AL / Mylar	AL / Mylar
	Braid Material	AL 65%	AL 85%	AL 85%	AL 85%
	Drainwire	----	CCS AWG28	CU AWG30	CU AWG28

The individual data can differ from the actual specs. Therefore please request the data sheet.



01.04 // Monitor Cables_

DVI Cables & Adapters

Spec Overview

DVI-D Adapter

	Category	Low Cost	Basic	Classic	Premium
Description	Version	DVI-D	DVI-D	DVI-D	DVI-D
	Video Bandwidth	Single or Dual Link	Single or Dual Link	Single or Dual Link	Single or Dual Link
	No. of Pins	18+1 (Single Link) or 24+1 (Dual Link)	18+1 (Single Link) or 24+1 (Dual Link)	18+1 (Single Link) or 24+1 (Dual Link)	18+1 (Single Link) or 24+1 (Dual Link)
Features	Max. recommended resolution (60Hz)	1920 x 1200 (Single Link) or 2560 x 1600 (Dual Link)	1920 x 1200 (Single Link) or 2560 x 1600 (Dual Link)	1920 x 1200 (Single Link) or 2560 x 1600 (Dual Link)	1920 x 1200 (Single Link) or 2560 x 1600 (Dual Link)
	UL-conform	No / Yes	Yes	Yes	Yes
Construction details	Housing	Molded	Molded	Molded	Molded
	Shielding	Unshielded	Unshielded	Shielded	Shielded
	Connector	Nickel plated	Nickel plated	Nickel plated	Gold flash
	Covered contacts	Gold flash	Gold flash	Gold flash	Gold flash
	Shielding	----	----	Foil	Foil
		----	----	Overall	Overall
	Foil Material	----	----	AL / Mylar	AL / Mylar

Finder

Connector combination **DVI Cable**			Low Cost	Basic	Classic	Premium
DVI Single Link DVI-D(18+1) plug	⇔	DVI-D(18+1) plug	----	p. 44	p. 44	p. 44
DVI Dual Link DVI-D(24+1) plug	⇔	DVI-D(24+1) plug	----	p. 45	p. 45	p. 45
DVI Dual Link DVI-I(24+5) plug	⇔	DVI-I(24+5) plug	----	----	p. 46	----
DVI Dual Link DVI-I(24+5) plug	⇔	HD15 plug	----	----	p. 47	p. 47
DVI Dual Link DVI-D(24+1) plug	⇔	DVI-D(24+1) jack	----	p. 46	p. 46	p. 47
DVI Dual Link DVI-I(24+5) plug	⇔	DVI-I(24+5) jack + HD15 jack	----	----	p. 48	----
DVI Dual Link DVI-I(24+5) plug	⇔	3xRCA(RGB) jack + HD15 jack	----	----	p. 49	----
DVI Dual Link DVI-I(24+5) plug	⇔	2x DVI-I(24+5) jack	----	----	p. 48	----
DVI Dual Link DVI-I(24+5) plug	⇔	2x HD15 jack	----	----	p. 48	----

Connector combination **DVI Adapter**			Low Cost	Basic	Classic	Premium
DVI Dual Link DVI-I(18+1) plug	⇔	HDMI type A jack	----	----	p. 49	p. 49
DVI Dual Link DVI-I(24+5) jack	⇔	DVI-I(24+5) jack	----	----	----	----
DVI Dual Link DVI-I(24+5) jack	⇔	HD15 plug	----	----	p. 50	p. 51
DVI Dual Link DVI-I(24+5) plug	⇔	HD15 jack	----	----	p. 50	p. 50

DVI Single Link Cables

DVI connection cable, DVI(18+1)/M - DVI(18+1)/M

HD-Ready, Single Link

This digital, HD Ready suitable DVI cable (Single Link), is used to connect audio/video equipment with DVI(18+1) interface, such as PC, notebook, monitor, TV or a projector, for example.

- Connector 1: DVI-D, (18+1), plug
- Connector 2: DVI-D, (18+1), plug
- UL certified: UL20276
- HDTV Standard: 1080i
- HDTV Resolution max.: 1920 x 1200 Pixel, 60Hz
- Hoods: molded
- Shielding: single shielding
- AWG: 28/30
- Wire material: CU
- Ferrite filter: none
- Connector surface: nickel-plated



Bulk		DIGITUS® Polybag	DIGITUS® Blister
AK-320107-005-S	0.5 m	On request	On request
AK-320107-010-S	1.0 m	On request	On request
AK-320107-020-S	2.0 m	On request	On request
AK-320107-030-S	3.0 m	On request	On request
AK-320107-050-S	5.0 m	On request	On request

DVI connection cable, DVI(18+1)/M - DVI(18+1)/M

HD-Ready, Single Link

This digital, HD Ready suitable DVI cable (Single Link), is used to connect audio/video equipment with DVI(18+1) interface, such as PC, notebook, monitor, TV or a projector, for example.

- Connector 1: DVI-D, (18+1), plug
- Connector 2: DVI-D, (18+1), plug
- UL certified: UL20276
- HDTV Standard: 1080i
- HDTV Resolution max.: 1920 x 1200 Pixel, 60Hz
- Hoods: molded
- Shielding: double shielding
- AWG: 28
- Wire material: CU
- Ferrite filter: 2 x ferrite beads
- Connector surface: nickel-plated



Bulk		DIGITUS® Polybag	DIGITUS® Blister	
AK-320100-005-S	0.5 m	On request	On request	
AK-320100-010-S	1.0 m	On request	On request	
AK-320100-020-S	2.0 m	On request	**DB-320100-020-S**	2.0 m
AK-320100-030-S	3.0 m	On request	On request	
AK-320100-050-S	5.0 m	On request	On request	
AK-320100-100-S	10.0 m	On request	On request	

{DVI connection cable, DVI(18+1)/M - DVI(18+1)/M

HD-Ready, Single Link

This digital, HD Ready suitable DVI cable (Single Link), is used to connect audio/video equipment with DVI(18+1) interface, such as PC, notebook, monitor, TV or a projector, for example.

- Connector 1: DVI-D, (18+1), plug
- Connector 2: DVI-D, (18+1), plug
- UL certified: UL20276
- HDTV Standard: 1080i
- HDTV Resolution max.: 1920 x 1200 Pixel, 60Hz
- Hoods: molded
- Shielding: triple shielding
- AWG: 28
- Wire material: CU
- Ferrite filter: 2 x ferrite beads
- Connector surface: gold-plated
- Color cable: black
- Color connector: black/grey



Bulk	DIGITUS® Polybag		DIGITUS® Blister	
-	**DK-320103-020-D**	2.0 m	**DB-320103-020-D**	2.0 m
-	**DK-320103-030-D**	3.0 m	**DB-320103-030-D**	3.0m
-	**DK-320103-050-D**	5.0 m	**DB-320103-050-D**	5.0m
-	**DK-320103-100-D**	10.0 m	**DB-320103-100-D**	10.0m

DVI connection cable, DVI(24+1)/M - DVI(24+1)/M

Full HD, Dual Link

This digital, Full HD suitable DVI cable (Dual Link), is used to connect audio/video equipment with DVI(24+1) interface, such as PC, notebook, monitor, TV or a projector, for example.

- Connector 1: DVI-D, (24+1), plug
- Connector 2: DVI-D, (24+1), plug
- UL certified: UL20276
- HDTV Standard: 1080p
- HDTV Resolution max.: 2560 x 1600 Pixel, 60Hz
- Hoods: molded
- Shielding: single shielding
- AWG: 28/30
- Wire material: CU
- Ferrite filter: none
- Connector surface: nickel-plated
- Color cable: black



Bulk		DIGITUS® Polybag	DIGITUS® Blister
AK-320108-005-S	0.5 m	On request	On request
AK-320108-010-S	1.0 m	On request	On request
AK-320108-020-S	2.0 m	On request	On request
AK-320108-030-S	3.0 m	On request	On request
AK-320108-050-S	5.0 m	On request	On request

DVI connection cable, DVI(24+1)/M - DVI(24+1)/M

Full HD, Dual Link

This digital, Full HD suitable DVI cable (Dual Link), is used to connect audio/video equipment with DVI(24+1) interface, such as PC, notebook, monitor, TV or a projector, for example.

- Connector 1: DVI-D, (24+1), plug
- Connector 2: DVI-D, (24+1), plug
- UL certified: UL20276
- HDTV Standard: 1080p
- HDTV Resolution max.: 2560 x 1600 Pixel, 60Hz
- Hoods: molded
- Shielding: double shielding
- AWG: 28
- Wire material: CU
- Ferrite filter: 2 x ferrite beads
- Connector surface: nickel-plated



Bulk		DIGITUS® Polybag	DIGITUS® Blister
AK-320101-005-S	0.5 m	On request	On request
AK-320101-010-S	1.0 m	On request	On request
AK-320101-020-S	2.0 m	On request	On request
AK-320101-030-S	3.0 m	On request	On request
AK-320101-050-S	5.0 m	On request	On request
AK-320101-100-S	10.0 m	On request	On request

DVI connection cable, DVI(24+1)/M - DVI(24+1)/M

Full HD, Dual Link

This digital, Full HD suitable DVI cable (Dual Link), is used to connect audio/video equipment with DVI(24+1) interface, such as PC, notebook, monitor, TV or a projector, for example.

- Connector 1: DVI-D, (24+1), plug
- Connector 2: DVI-D, (24+1), plug
- UL certified: UL20276
- HDTV Standard: 1080p
- HDTV Resolution max.: 2560 x 1600 Pixel, 60Hz
- Hoods: molded
- Shielding: triple shielding
- AWG: 28
- Wire material: CU
- Ferrite filter: 2 x ferrite beads
- Connector surface: gold-plated
- Color cable: black
- Color connector: black/grey



Bulk	DIGITUS® Polybag		DIGITUS® Blister	
On request	**DK-320104-020-D**	2.0 m	**DB-320104-020-D**	2.0 m
On request	**DK-320104-030-D**	3.0 m	**DB-320104-030-D**	3.0 m
On request	**DK-320104-050-D**	5.0 m	**DB-320104-050-D**	5.0 m
On request	**DK-320104-100-D**	10.0 m	**DB-320104-100-D**	10.0 m

DVI Dual Link Cables

DVI connection cable, DVI(24+5)/M - DVI(24+5)/M

Full HD, Dual Link

This analog and digital, Full HD suitable DVI cable (Dual Link), is used to connect audio/video equipment with DVI(24+5) interface, such as PC, notebook, monitor, TV or a projector, for example.

- Connector 1: DVI-I, (24+5), plug
- Connector 2: DVI-I, (24+5), plug
- UL certified: UL20276
- HDTV Standard: 1080p
- HDTV Resolution max.: 2560 x 1600 Pixel, 60Hz
- Hoods: molded
- Shielding: double shielding
- AWG: 28
- Wire material: CU
- Ferrite filter: 2 x ferrite beads
- Connector surface: nickel-plated
- Color cable: black
- Color connector: black



	Bulk	DIGITUS® Polybag	DIGITUS® Blister
AK-320102-020-S	2.0 m	On request	On request
AK-320102-030-S	3.0 m	On request	On request
AK-320102-050-S	5.0 m	On request	On request

DVI extension cable, DVI(24+1)/M - DVI(24+1)/F

Full HD, Dual Link

This digital, Full HD suitable DVI cable (Dual Link), is used to extent existing connections of audio/video equipment or cables with DVI(24+1) interface, such as between PC, notebook, monitor, TV or a projector, for example.

- Connector 1: DVI-D, (24+1), plug
- Connector 2: DVI-D, (24+1), jack
- UL certified: UL20276
- HDTV Standard: 1080p
- HDTV Resolution max.: 2560 x 1600 Pixel, 60Hz
- Hoods: molded
- Shielding: single shielding
- AWG: 28/30
- Wire material: CU
- Ferrite filter: none
- Connector surface: nickel-plated
- Color cable: white
- Color connector: white



	Bulk	DIGITUS® Polybag	DIGITUS® Blister
AK-320202-020-S	2.0 m	On request	On request
AK-320202-030-S	3.0 m	On request	On request
AK-320202-050-S	5.0 m	On request	On request
AK-320202-100-S	10.0 m	On request	On request

DVI extension cable, DVI(24+1)/M - DVI(24+1)/F

Full HD, Dual Link

This digital, Full HD suitable DVI cable (Dual Link), is used to extent existing connections of audio/video equipment or cables with DVI(24+1) interface, such as between PC, notebook, monitor, TV or a projector, for example.

- Connector 1: DVI-D, (24+1), plug
- Connector 2: DVI-D, (24+1), jack
- UL certified: UL20276
- HDTV Standard: 1080p
- HDTV Resolution max.: 2560 x 1600 Pixel, 60Hz
- Hoods: molded
- Shielding: double shielding
- AWG: 28
- Wire material: CU
- Ferrite filter: 2 x ferrite beads
- Connector surface: nickel-plated
- Color cable: black
- Color connector: black



	Bulk	DIGITUS® Polybag	DIGITUS® Blister
AK-320200-020-S	2.0 m	On request	On request
AK-320200-030-S	3.0 m	On request	On request
AK-320200-050-S	5.0 m	On request	On request
AK-320200-100-S	10.0 m	On request	On request

DVI extension cable, DVI(24+1)/M - DVI(24+1)/F

Full HD, Dual Link

This digital, Full HD suitable DVI cable (Dual Link), is used to extent existing connections of audio/video equipment or cables with DVI(24+1) interface, such as between PC, notebook, monitor, TV or a projector, for example.

- Connector 1: DVI-D, (24+1), plug
- Connector 2: DVI-D, (24+1), jack
- UL certified: UL20276
- HDTV Standard: 1080p
- HDTV Resolution max.: 2560 x 1600 Pixel, 60Hz
- Hoods: molded
- Shielding: triple shielding
- AWG: 28
- Wire material: CU
- Ferrite filter: 2 x ferrite beads
- Connector surface: gold-plated
- Color cable: black
- Color connector: black/grey



Bulk	DIGITUS® Polybag		DIGITUS® Blister	
-	**DK-320201-020-D**	2.0 m	**DB-320201-020-D**	2.0 m
-	**DK-320201-030-D**	3.0 m		On request
-	**DK-320201-050-D**	5.0 m		On request
-	**DK-320201-100-D**	10.0 m		On request

DVI adapter cable, DVI(24+5)/M - HD15/M

HD-Ready, Dual Link

This analog, HD Ready suitable DVI cable (Dual Link), is used to connect audio/video equipment with HD15 (VGA) interface, such as PC, notebook, monitor, TV or a projector, for example.

- Connector 1: DVI-I, (24+5), plug
- Connector 2: HD DSUB, 15-pin, plug
- UL certified: UL20276
- HDTV Standard: 1080i
- HDTV Resolution max.: 1920 x 1200 Pixel, 60Hz
- Hoods: molded
- Shielding: double shielding
- AWG: 28
- Wire material: CU
- Ferrite filter: 2 x ferrite beads
- Connector surface: nickel-plated
- Color cable: black
- Color connector: black



	Bulk	DIGITUS® Polybag	DIGITUS® Blister
AK-320300-020-S	2.0 m	On request	On request
AK-320300-030-S	3.0 m	On request	On request
AK-320300-050-S	5.0 m	On request	On request

DVI extension cable, DVI(24+1)/M - 15HD/F

HD-Ready, Dual Link

This analog, HD Ready suitable DVI cable (Dual Link), is used to connect audio/video equipment with HD15 (VGA) interface, such as PC, notebook, monitor, TV or a projector, for example.

- Connector 1: DVI-I, (24+5), plug
- Connector 2: HD DSUB, 15-pin, plug
- UL certified: UL20276
- HDTV Standard: 1080p
- HDTV Resolution max.: 2560 x 1600 Pixel, 60Hz
- Hoods: molded
- Shielding: triple shielding
- AWG: 28
- Wire material: CU
- Ferrite filter: 2 x ferrite beads
- Connector surface: gold-plated
- Color cable: black
- Color connector: black/grey



Bulk	DIGITUS® Polybag		DIGITUS® Blister	
-	**DK-320301-020-D**	2.0 m	**DB-320301-020-D**	2.0 m
-	**DK-320301-030-D**	3.0 m		On request
-	**DK-320301-050-D**	5.0m		On request

DVI Dual Link Cables

DVI Y-splitter cable, DVI(24+5)/M - DVI(24+5) + HD15, F/F

HD-Ready, Dual Link

This passive HD Ready suitable analog and digital cable is usefull to connect 2 TV's or Monitors with the interface of a PC or Notebook, for example. Simultaneous use of both devices is not possible.

- Connector 1: DVI-I, (24+5), plug
- Connector 2: DVI-I (24+5), jack + HD15, jack
- Cable type: Dual-Link
- UL certified: UL20276
- HDTV Standard: 1080i
- HDTV Resolution max.: 1920 x 1200 Pixel, 60Hz
- Hoods: molded
- Shielding: double shielding
- AWG: 30
- Wire material: CU
- Ferrite filter: none
- Connector surface: nickel-plated
- Color cable: black
- Color connector: black



	Bulk	DIGITUS® Polybag	DIGITUS® Blister
AK-320400-002-S	0.2 m	On request	On request

DVI Y-splitter cable, DVI(24+5)/M - 2x DVI(24+5)/F

Full HD, Dual Link

This passive Full HD suitable analog and digital cable is usefull to connect 2 TV's or Monitors with the interface of a PC or Notebook, for example. Simultaneous use of both devices is not possible.

- Connector 1: DVI-I, (24+5), plug
- Connector 2: 2x DVI-I (24+5), jack
- Cable type: Dual-Link
- UL certified: UL20276
- HDTV Standard: 1080p
- HDTV Resolution max.: 2560 x 1600 Pixel, 60Hz
- Hoods: molded
- Shielding: double shielding
- AWG: 30
- Wire material: CU
- Ferrite filter: none
- Connector surface: nickel-plated
- Color cable: black
- Color connector: black



	Bulk	DIGITUS® Polybag	DIGITUS® Blister
AK-320401-002-S	0.2 m	On request	On request

DVI Y-splitter cable, DVI(24+5)/M - 2x HD15/F

HD-Ready, Dual Link

This passive HD Ready suitable analog cable is usefull to connect 2 TV's or Monitors with the interface of a PC or Notebook, for example. Simultaneous use of both devices is not possible.

- Connector 1: DVI-I, (24+5), plug
- Connector 2: 2x HD15, jack
- Cable type: Dual-Link
- UL certified: UL20276
- HDTV Standard: 1080i
- HDTV Resolution max.: 1920 x 1200 Pixel, 60Hz
- Hoods: molded
- Shielding: double shielding
- AWG: 30
- Wire material: CU
- Ferrite filter: none
- Connector surface: nickel-plated
- Color cable: black
- Color connector: black



	Bulk	DIGITUS® Polybag	DIGITUS® Blister
AK-320402-002-S	0.2 m	On request	On request

DVI Y-splitter cable, DVI(24+5)/M - 3x RCA + HD15, F/F

HD-Ready, Dual Link

This passive HD Ready suitable analog cable is usefull to connect 2 TV's or Monitors with the interface of a PC or Notebook, for example. Simultaneous use of both devices is not possible.

- Connector 1: DVI-I, (24+5), plug
- Connector 2: 3x RCA (YUV), jack + HD15, jack
- Cable type: Dual-Link
- UL certified: UL20276
- HDTV Standard: 1080i
- HDTV Resolution max.: 1920 x 1200 Pixel, 60Hz
- Hoods: molded
- Shielding: double shielding
- AWG: 30
- Wire material: CU
- Ferrite filter: none
- Connector surface: nickel-plated
- Color cable: black
- Color connector: black



Bulk		DIGITUS® Polybag	DIGITUS® Blister
AK-320403-002-S	0.2 m	On request	On request

DVI adapter, DVI(24+1)/M - HDMI type A/F

Full HD, Dual Link

This adapter is suitable to connect a HDMI type A cable to device or cables with DVI(24+1) connector, for example .

- Connector 1: DVI-D, (18+1), plug
- Connector 2: HDMI type A, jack
- Cable type: Dual-Link
- HDTV Standard: 1080p
- HDTV Resolution max.: 2560 x 1600 Pixel, 60Hz
- Hoods: molded
- Shielding: single shielding
- Connector surface: nickel-plated
- Color connector: black



Bulk	DIGITUS® Polybag	DIGITUS® Blister
AK-320500-000-S	On request	**DB-320500-000-S** A/Bu

DVI adapter, DVI(24+1)/M - HDMI type A/F

Full HD, Dual Link

This adapter is suitable to connect a HDMI type A cable to device or cables with DVI(24+1) connector, for example .

- Connector 1: DVI-D, (24+1), plug
- Connector 2: HDMI type A, jack
- Cable type: Dual-Link
- HDTV Standard: 1080p
- HDTV Resolution max.: 2560 x 1600 Pixel, 60Hz
- Hoods: molded
- Shielding: single shielding
- Connector surface: gold-plated
- Color connector: black/grey



Bulk	DIGITUS® Polybag	DIGITUS® Blister
-	**DK-320506-000-D**	**DB-320506-000-D**

DVI Adapters

DVI adapter, DVI(24+5)/M - HD15/F

HD-Ready, Dual Link

This adapter is suitable to connect a HD15(VGA) cable to device or cables with DVI(24+5) connector, for example .

- Connector 1: DVI-I, (24+5), plug
- Connector 2: HD DSUB, 15-pin, jack
- Cable type: Dual-Link
- HDTV Standard: 1080i
- HDTV Resolution max.: 1920 x 1200 Pixel, 60Hz
- Hoods: molded
- Shielding: single shielding
- Connector surface: nickel-plated
- Color connector: black



Bulk	DIGITUS® Polybag	DIGITUS® Blister
AK-320504-000-S	On request	DB-320504-000-S

DVI adapter, DVI(12+5)/M - HD15/F

HD-Ready, Dual Link

This adapter is suitable to connect a HD15(VGA) cable to device or cables with DVI(24+5) connector, for example .

- Connector 1: DVI-A, (12+5), plug
- Connector 2: HD DSUB, 15-pin, jack
- Cable type: Dual-Link
- HDTV Standard: 1080i
- HDTV Resolution max.: 1920 x 1200 Pixel, 60Hz
- Hoods: molded
- Shielding: single shielding
- Connector surface: gold-plated
- Color connector: black/grey



Bulk	DIGITUS® Polybag	DIGITUS® Blister
-	DK-320508-000-D	DB-320508-000-D

DVI adapter, DVI(24+5)/F - HD15/M

HD-Ready, Dual Link

This adapter is suitable to connect a DVI cable to device or cables with HD15 connector.

- Connector 1: DVI-I, (24+5), jack
- Connector 2: HD DSUB, 15-pin, plug
- Cable type: Dual-Link
- HDTV Standard: 1080i
- HDTV Resolution max.: 1920 x 1200 Pixel, 60Hz
- Hoods: molded
- Shielding: single shielding
- Connector surface: nickel-plated
- Color connector: black



Bulk	DIGITUS® Polybag	DIGITUS® Blister
-	On request	DB-320505-000-S

DVI adapter, DVI(24+5)/F - HD15/M

HD-Ready, Dual Link

This adapter is suitable to connect a DVI cable to device or cables with HD15 connector.

- Connector 1: DVI-I, (24+5), jack
- Connector 2: HD DSUB, 15-pin, plug
- Cable type: Dual-Link
- HDTV Standard: 1080i
- HDTV Resolution max.: 1920 x 1200 Pixel, 60Hz
- Hoods: molded
- Shielding: single shielding
- Connector surface: gold-plated
- Color connector: black/grey



Bulk	DIGITUS® Polybag	DIGITUS® Blister
-	DK-320509-000-D	DB-320509-000-D

Overview: Digital Visual Interface

Specification Feature	DVI-A	DVI-I		DVI-D	
	Single-Link	Dual-Link	Dual-Link	Single-Link	Dual-Link
max. Band Range	3,7 GBit/s, 165 MHz	3,7 GBit/s, 165 MHz	7,4 GBit/s, 330 MHz	3,7 GBit/s, 165 MHz	7,4 GBit/s, 330 MHz
max. Resolution	1920 x 1200 pixel at 60 Hz HDTV resolution = 1920 x 1080 pixel	1920 x 1200 pixel at 60 Hz HDTV resolution = 1920 x 1080 pixel	2560 x 1600 pixel at 60 Hz HDTV resolution = 1920 x 1080 pixel	1920 x 1200 pixel at 60 Hz HDTV resolution = 1920 x 1080 pixel	2560 x 1600 pixel at 60 Hz HDTV resolution = 1920 x 1080 pixel
Color Space	24 Bit RGB	24 Bit RGB	24 Bit RGB	24 Bit RGB	24 Bit RGB
Plug Type	DVI 12+5 	DVI 18+5 	DVI 24+5 	DVI 18+1 	DVI 24+1 
Miscellaneous	cable /adapter with connected signal lines for analog video signals. Only for use of anaolg devices. This cable is not very common on the European market. Instead of DVI-A you can use DVI-I (Single-Link) cables as well.	cable /adapter with connected signal lines for analog and digital video signals. It's possible to use analog as well as digital devices.	cable /adapter with connected signal lines for analog and digital video signals. It's possible to use analog as well as digital devices.	cable /adapter with connected signal lines for digital video signals. Only digital devices can be used.	cable /adapter with connected signal lines for digital video signals. Only digital devices can be used.

01.05 // Monitor Cables_HDMI Cables & Adapters

The low-cost Basic versions provide a reasonable frame rate of 1080 i over short distances. The Classic and Premium cables however stand out for a higher bandwidth due to the optimised design, and therefore guarantee extremely fast frame rates and greater colour depths at a resolution of (1080 p). They can also cover greater distances without interference or loss of quality. Active Premium cables with an integrated performance amplifier can also compensate for and even improve low-quality input signals without any problem.



Spec Overview

HDMI

		Low Cost	Basic	Classic	Premium
Description	Classification				
	Version	HDMI	HDMI	HDMI	HDMI
	Comparable with former Rev.-No.	HDMI 1.3	HDMI 1.3	HDMI 1.3	HDMI 1.3
Features	Useful resolution	1080p	1080p	1080p	1080p
	TV-Category	Full HD and HD ready 1080p	Full HD and HD ready 1080p	Full HD and HD ready 1080p	Full HD and HD ready 1080p
	Certified	No / Compatible	Conform	Conform	Conform
	UL-conform	Yes	Yes	Yes	Yes
	Housing	Plastic	Plastic	Plastic	Plastic
	Connector	Nickel plated	Nickel plated	Nickel flash	Gold flash
	Shielding	Unshielded	Unshielded	Shielded	Shielded
Construction details	AWG-Number	AWG 30	AWG 28	AWG 28	AWG 28
	Conductor Material	Variable	CU	CU	CU
	Covered contacts	Gold flash	Gold flash	Gold plated	Gold plated
	Shielding	----	----	Foil	Foil
	Foil Material	----	----	AL/Mylar	AL/Mylar

The individual data can differ from the actual specs. Therefore please request the data sheet.

Finder

Connector combination **HDMI High Speed Cable**			Version	Low Cost	Basic	Classic	Premium
HDMI type A plug	⇔	type A plug	Standard	p. 54	p. 54	p. 55	p. 55
HDMI type A plug	⇔	type A plug	with Amplifier	----	----	p. 56	----
HDMI type A plug	⇔	type A plug	Rotatable	----	----	p. 55	----
HDMI type A plug	⇔	type A plug	Flat cable	----	----	p. 55	----
HDMI type A plug	⇔	type A jack	Standard	----	----	p. 57	----
HDMI type A plug	⇔	DVI-D(18+1) plug	Standard	----	----	p. 57	p. 57
HDMI type A plug	⇔	DVI-D(24+1) plug	Standard	----	----	p. 58	p. 58
HDMI type C plug	⇔	type A plug	Standard	----	----	p. 56	----
HDMI type C plug	⇔	type C plug	Standard	----	----	----	----
HDMI type D plug	⇔	type A plug	Standard	----	----	p. 61	----
HDMI type D plug	⇔	type D plug	Standard	----	----	p. 60	----
HDMI type A plug	⇔	DVI-D(24+1) plug + type A jack	Standard	----	----	p. 59	----
HDMI type A plug	⇔	2x type A jack	Standard	----	----	p. 58	----
HDMI type A plug	⇔	2x DVI-D(24+1) jack	Standard	----	----	p. 59	----

Connector combination **HDMI High Speed Adapter**			Low Cost	Basic	Classic	Premium
HDMI type A jack	⇔	type A jack	----	----	p. 61	p. 62
HDMI type A plug	⇔	type A jack	----	----	p. 61	----
HDMI type A plug 90°	⇔	type A jack	----	----	p. 62	p. 63
HDMI type A plug	⇔	type C jack	----	----	p. 63	----
HDMI type A plug	⇔	DVI-D(18+1) plug	----	----	p. 63	p. 64
HDMI type A plug	⇔	DVI-I(24+5) jack	----	----	p. 64	p. 64
HDMI type A jack	⇔	DVI-I(24+5) jack	----	----	p. 65	p. 65
HDMI type C plug	⇔	type A jack	----	----	p. 65	----

Connector combination **HDMI High Speed w/ Ethernet Cable**			Version	Low Cost	Basic	Classic	Premium
HDMI type A plug	⇔	type A plug	Standard	----	----	p. 60	p. 60
HDMI type A plug	⇔	type A jack	Standard	----	----	p. 61	----

Connector combination **HDMI High Speed w/ Ethernet Adapter**			Low Cost	Basic	Classic	Premium
HDMI type A jack	⇔	type A jack	----	----	p. 61	p. 62
HDMI type A plug	⇔	type A jack	----	----	p. 61	----
HDMI type A plug 90°	⇔	type A jack	----	----	p. 62	p. 63
HDMI type A plug	⇔	type C jack	----	----	p. 63	----
HDMI type C plug	⇔	type A jack	----	----	p. 65	----

HDMI High Speed Cables

HDMI High Speed connection cable, type A/M - type A/M

Full HD and 3D capable

This Full HD (1080p) and 3D suitable cable used for connection of audio/video devices such as Blu-ray player, game pads or consoles, etc., for example, with a TV, Monitor or Computer.

- Connector 1: HDMI type A, plug
- Connector 2: HDMI type A, plug
- HDMI Standard: Highspeed HDMI
- UL certified: UL20276
- HDTV Standard: 1080p
- HDTV Resolution max.: 1920 x 1080 Pixel, 60Hz
- Hoods: molded
- Shielding: single shielding
- Wire material: CU
- AWG: depend on length
- Ferrite filter: none
- Connector surface: nickel-plated
- Color cable: black



	Bulk	DIGITUS® Polybag	DIGITUS® Blister
AK-330100-005-S	0.5 m	-	-
AK-330100-010-S	1.0 m	-	-
AK-330100-020-S	2.0 m	-	-
AK-330100-030-S	3.0 m	-	-

HDMI High Speed connection cable, type A/M - type A/M

Full HD and 3D capable

This Full HD (1080p) and 3D suitable cable used for connection of audio/video devices such as Blu-ray player, game pads or consoles, etc., for example, with a TV, Monitor or Computer.

- Connector 1: HDMI type A, plug
- Connector 2: HDMI type A, plug
- HDMI Standard: Highspeed HDMI
- UL certified: UL20276
- HDTV Standard: 1080p
- HDTV Resolution max.: 1920 x 1080 Pixel, 60Hz
- Hoods: molded
- Shielding: double shielding
- Wire material: CU
- AWG: depend on length
- Connector surface: nickel-plated



	Bulk	DIGITUS® Polybag	DIGITUS® Blister
AK-330101-005-S	0.5 m	On request	On request
AK-330101-010-S	1.0 m	On request	On request
AK-330101-020-S	2.0 m	On request	**DB-330101-020-S** 2.0 m
AK-330101-030-S	3.0 m	On request	**DB-330101-030-S** 3.0 m
AK-330101-050-S	5.0 m	On request	**DB-330101-050-S** 5.0 m
AK-330101-100-S	10.0 m	On request	On request

HDMI High Speed connection cable, type A/M - type A/M

Full HD and 3D capable

This Full HD (1080p) and 3D suitable cable used for connection of audio/video devices such as Blu-ray player, game pads or consoles, etc., for example, with a TV, Monitor or Computer.

- Connector 1: HDMI type A, plug
- Connector 2: HDMI type A, plug
- HDMI Standard: Highspeed HDMI
- UL certified: UL20276
- HDTV Standard: 1080p
- HDTV Resolution max.: 1920 x 1200 Pixel, 60Hz
- Hoods: molded
- Shielding: double shielding
- Wire material: CU
- AWG: depend on length
- Connector surface: gold-plated



	Bulk	DIGITUS® Polybag	DIGITUS® Blister
AK-330102-005-S	0.5 m	On request	On request
AK-330102-010-S	1.0 m	On request	On request
AK-330102-020-S	2.0 m	On request	On request
AK-330102-030-S	3.0 m	On request	On request
AK-330102-050-S	5.0 m	On request	On request
AK-330102-100-S	10.0 m	On request	On request

HDMI High Speed connection cable, type A/M - type A/M

Full HD and 3D capable

This Full HD (1080p) and 3D suitable cable used for connection of audio/video devices such as Blu-ray player, game pads or consoles, etc., for example, with a TV, Monitor or Computer.

- Connector 1: HDMI type A, plug
- Connector 2: HDMI type A, plug
- HDMI Standard: Highspeed HDMI
- UL certified: UL20276
- HDTV Standard: 1080p
- HDTV Resolution max.: 1920 x 1200 Pixel, 60Hz
- Hoods: molded
- Shielding: triple shielding
- Wire material: CU
- AWG: depend on length
- Ferrite filter: 2 x ferrite beads
- Connector surface: gold-plated



Bulk	DIGITUS® Polybag		DIGITUS® Blister	
-	**DK-330110-010-D**	1.0 m	**DB-330110-010-D**	1.0 m
-	**DK-330110-020-D**	2.0 m	**DB-330110-020-D**	2.0 m
-	**DK-330110-030-D**	3.0 m	**DB-330110-030-D**	3.0 m
-	**DK-330110-050-D**	5.0 m	**DB-330110-050-D**	5.0 m
-	**DK-330110-100-D**	10.0 m		On request

HDMI High Speed connection cable, rotatable, type A/M - type A/M

Full HD and 3D capable, useful in narrow places

This Full HD (1080p) and 3D suitable cable with a rotatable connector, used for connection of audio/video devices such as Blu-ray player, game pads or consoles, etc., for example, with a TV, Monitor or Computer.

- Connector 1: HDMI type A, plug
- Connector 2: HDMI type A, plug
- HDMI Standard: Highspeed HDMI
- UL certified: UL20276
- HDTV Standard: 1080p
- HDTV Resolution max.: 1920 x 1200 Pixel, 60Hz
- Hoods: molded
- Shielding: double shielding
- Wire material: CU
- AWG: depend on length
- Ferrite filter: none
- Connector surface: gold-plated
- Color cable: black



Bulk		DIGITUS® Polybag	DIGITUS® Blister
AK-330103-020-S	2.0 m	On request	On request
AK-330103-030-S	3.0 m	On request	On request
AK-330103-050-S	5.0 m	On request	On request

HDMI High Speed connection cable, flat version, type A/M - type A/M

Full HD and 3D capable, ideal for cable channels

This Full HD (1080p) and 3D suitable flat cable used for connection of audio/video devices, such as Blu-ray player, game pads or consoles, etc., for example, with a TV, Monitor or Computer.

- Connector 1: HDMI type A, plug
- Connector 2: HDMI type A, plug
- HDMI Standard: Highspeed HDMI
- UL certified: UL20276
- HDTV Standard: 1080p
- HDTV Resolution max.: 1920 x 1200 Pixel, 60Hz
- Hoods: molded
- Shielding: double shielding
- Wire material: CU
- AWG: depend on length
- Connector surface: gold-plated



Bulk		DIGITUS® Polybag	DIGITUS® Blister
AK-330104-005-S	0.5 m	On request	On request
AK-330104-010-S	1.0 m	On request	On request
AK-330104-015-S	1.5 m	On request	On request
AK-330104-020-S	2.0 m	On request	On request
AK-330104-030-S	3.0 m	On request	On request
AK-330104-050-S	5.0 m	On request	On request

HDMI High Speed Cables

HDMI High Speed connection cable, flat version, type A/M - type A/M

Full HD and 3D capable, ideal for cable channels

This Full HD (1080p) and 3D suitable flat cable used for connection of audio/video devices, such as Blu-ray player, game pads or consoles, etc., for example, with a TV, Monitor or Computer.

- Connector 1: HDMI type A, plug
- Connector 2: HDMI type A, plug
- HDMI Standard: Highspeed HDMI
- UL certified: UL20276
- HDTV Standard: 1080p
- HDTV Resolution max.: 1920 x 1200 Pixel, 60Hz
- Hoods: molded
- Shielding: double shielding
- Wire material: CU
- AWG: depend on length
- Ferrite filter: none
- Connector surface: gold-plated
- Color cable: white



Bulk		DIGITUS® Polybag	DIGITUS® Blister
AK-330104-020-W	2.0 m	On request	On request
AK-330104-030-W	3.0 m	On request	On request
AK-330104-050-W	5.0 m	On request	On request

HDMI High Speed connection cable, with amplifier, type A/M - type A/M

Full HD and 3D capable over long distances by signal boost

This Full HD (1080p) and 3D suitable cable with active amplifier used for connection of audio/video devices such as Blu-ray player, game pads or consoles, etc., for example, with a TV, Monitor or Computer.

- Connector 1: HDMI type A, plug
- Connector 2: HDMI type A, plug
- HDMI Standard: Highspeed HDMI
- UL certified: UL20276
- HDTV Standard: 1080p
- HDTV Resolution max.: 1920 x 1200 Pixel, 60Hz
- Hoods: molded
- Shielding: double shielding
- Wire material: CU
- AWG: depend on length
- Connector surface: gold-plated
- Color cable: black



Bulk		DIGITUS® Polybag	DIGITUS® Blister
AK-330105-100-S	0.0 m	On request	On request
AK-330105-150-S	5.0 m	On request	On request
AK-330105-200-S	0.0 m	On request	On request
AK-330105-300-S	0.0 m	On request	On request
AK-330105-400-S	0.0 m	On request	On request

HDMI High Speed connection cable, type C/M - type A/M

Full HD and 3D capable

This Full HD (1080p) and 3D suitable cable used for connection of audio/video devices with HDMI type C interface such as Notebooks, fore example, with a TV, Monitor, Computer, etc..

- Connector 1: HDMI type C, plug
- Connector 2: HDMI type A, plug
- HDMI Standard: Highspeed HDMI
- UL certified: UL20276
- HDTV Standard: 1080p
- HDTV Resolution max.: 1920 x 1200 Pixel, 60Hz
- Hoods: molded
- Shielding: double shielding
- Wire material: CU
- AWG: depend on length
- Ferrite filter: none
- Connector surface: gold-plated
- Color cable: black



Bulk		DIGITUS® Polybag	DIGITUS® Blister	
AK-330106-020-S	2.0 m	On request	**DB-330106-020-S**	2.0 m
AK-330106-030-S	3.0 m	On request	On request	
AK-330106-050-S	5.0 m	On request	On request	

HDMI High Speed extension cable, type A/M - type A/F

Full HD and 3D capable

This Full HD (1080p) and 3D suitable cable used for extension of existing HDMI connections between Blu-ray player, game pads or consoles, etc.,, for example, and TV, Monitor or Computer.

- Connector 1: HDMI type A, plug
- Connector 2: HDMI type A, jack
- HDMI Standard: Highspeed HDMI
- UL certified: UL20276
- HDTV Standard: 1080p
- HDTV Resolution max.: 1920 x 1200 Pixel, 60Hz
- Hoods: molded
- Shielding: double shielding
- Wire material: CU
- AWG: depend on length
- Ferrite filter: none
- Connector surface: gold-plated
- Color cable: black



Bulk		DIGITUS® Polybag	DIGITUS® Blister
AK-330200-020-S	2.0 m	On request	On request
AK-330200-030-S	3.0 m	On request	On request
AK-330200-050-S	5.0 m	On request	On request

HDMI adapter cable, type A/M - DVI-D(18+1)/M

HD-Ready, Sinle Link

This HD-Ready (1080i) suitable cable used for connection of audio/video devices with different interfaces such as PC, Notebook, Monitor, TV, game pad or console, etc., for example.

- Connector 1: HDMI type A, plug
- Connector 2: DVI-D, (18+1), plug
- HDMI Standard: Highspeed HDMI
- UL certified: UL20276
- HDTV Standard: 1080i
- HDTV Resolution max.: 1920 x 1080 Pixel, 60Hz
- Hoods: molded
- Shielding: double shielding
- Wire material: CU
- AWG: depend on length
- Connector surface: gold-plated



Bulk		DIGITUS® Polybag	DIGITUS® Blister
AK-330300-005-S	0.5 m	On request	On request
AK-330300-010-S	1.0 m	On request	On request
AK-330300-020-S	2.0 m	On request	On request
AK-330300-030-S	3.0 m	On request	On request
AK-330300-050-S	5.0 m	On request	On request
AK-330300-100-S	0.0 m	On request	On request

HDMI adapter cable, type A/M - DVI-D(18+1)/M

HD-Ready, Sinle Link

This HD-Ready (1080i) suitable cable used for connection of audio/video devices with different interfaces such as PC, Notebook, Monitor, TV, game pad or console, etc., for example.

- Connector 1: HDMI type A, plug
- Connector 2: DVI-D, (18+1), plug
- HDMI Standard: Highspeed HDMI
- UL certified: UL20276
- HDTV Standard: 1080i
- HDTV Resolution max.: 1920 x 1080 Pixel, 60Hz
- Hoods: molded
- Shielding: double shielding
- Wire material: CU
- AWG: depend on length
- Ferrite filter: none
- Connector surface: gold-plated
- Color cable: black



Bulk	DIGITUS® Polybag		DIGITUS® Blister	
-	**DK-330302-020-D**	2.0 m	**DB-330302-020-D**	2.0 m
-	**DK-330302-030-D**	3.0 m	**DB-330302-030-D**	3.0 m
-	**DK-330302-050-D**	5.0 m	**DB-330302-050-D**	5.0 m
-	**DK-330302-100-D**	10.0 m	**DB-330302-100-D**	10.0 m

HDMI High Speed Cables

HDMI adapter cable, type A/M - DVI-D(24+1)/M

Full HD, Dual Link

This Full HD (1080p) suitable cable used for connection of audio/video devices with different interfaces such as PC, Notebook, Monitor, TV, game pad or console, etc., for example.

- Connector 1: HDMI type A, plug
- Connector 2: DVI-D, (24+1), plug
- HDMI Standard: Highspeed HDMI
- UL certified: UL20276
- HDTV Standard: 1080p
- HDTV Resolution max.: 1920 x 1200 Pixel, 60Hz
- Hoods: molded
- Shielding: double shielding
- Wire material: CU
- AWG: depend on length
- Ferrite filter: none
- Connector surface: gold-plated
- Color cable: black



Bulk		DIGITUS® Polybag	DIGITUS® Blister
AK-330301-020-S	2.0 m	On request	On request
AK-330301-030-S	3.0 m	On request	On request
AK-330301-050-S	5.0 m	On request	On request

HDMI adapter cable, type A/M - DVI-D(24+1)/M

Full HD, Dual Link

This Full HD (1080p) suitable cable used for connection of audio/video devices with different interfaces such as PC, Notebook, Monitor, TV, game pad or console, etc., for example.

- Connector 1: HDMI type A, plug
- Connector 2: DVI-D, (24+1), jack
- HDMI Standard: Highspeed HDMI
- UL certified: UL20276
- HDTV Standard: 1080p
- HDTV Resolution max.: 1920 x 1200 Pixel, 60Hz
- Hoods: molded
- Shielding: double shielding
- Wire material: CU
- AWG: depend on length
- Ferrite filter: none
- Connector surface: gold-plated
- Color cable: black



Bulk	DIGITUS® Polybag		DIGITUS® Blister	
-	**DK-330303-020-D**	2.0 m	**DB-330303-020-D**	2.0 m
-	**DK-330303-030-D**	3.0 m	**DB-330303-030-D**	3.0 m
-	**DK-330303-050-D**	5.0 m	**DB-330303-050-D**	5.0 m

HDMI Y-splitter cable

Full HD

This passive Full HD (1080p) and 3D suitable cable is usefull to connect 2 TV's or Monitors with the interface of a PC or Notebook, for example. Simultaneous use of both devices is not possible.

- Connector 1: HDMI type A, plug
- Connector 2: 2x HDMI type A/F
- HDMI Standard: Standard HDMI
- UL certified: UL20276
- HDTV Standard: 1080p
- HDTV Resolution max.: 1920 x 1200 Pixel, 60Hz
- Hoods: molded
- Shielding: single shielding
- Wire material: CU
- AWG: 30
- Ferrite filter: none
- Connector surface: gold-plated
- Color cable: black



Bulk		DIGITUS® Polybag	DIGITUS® Blister
AK-330400-002-S	0.2 m	On request	On request

HDMI Y-splitter cable

This passive cable is usefull to connect 2 TV's or Monitors with the interface of a PC or Notebook, for example. Simultaneous use of both devices is not possible.

- Connector 1: HDMI type A, plug
- Connector 2: HDMI type A/F + DVI-D(24+1)/F
- UL certified: UL20276
- Hoods: molded
- Shielding: single shielding
- Wire material: CU
- AWG: 30
- Ferrite filter: none
- Connector surface: gold-plated
- Color cable: black



	Bulk	DIGITUS® Polybag	DIGITUS® Blister
AK-330401-002-S	0.2 m	On request	On request

HDMI Y-splitter cable

This passive cable is usefull to connect 2 TV's or Monitors with the interface of a PC or Notebook, for example. Simultaneous use of both devices is not possible.

- Connector 1: HDMI type A, plug
- Connector 2: 2x DVI-D(24+1)/F
- UL certified: UL20276
- Hoods: molded
- Shielding: single shielding
- Wire material: CU
- AWG: 30
- Ferrite filter: none
- Connector surface: gold-plated
- Color cable: black



	Bulk	DIGITUS® Polybag	DIGITUS® Blister
AK-330402-002-S	0.2 m	On request	On request

USB to HDMI adapter with MHL technology

Display your digital content with the MHL technology

The DIGITUS® USB to HDMI adapter marks the beginning of a new era of digital content transmission. The Mobile High-Definition Link technology, short MHL, creates the possibility to stream your digital content from an MHL host device like a smartphone or a Tablet PC to a large display. In order to profit from this technology you simply need to connect your MHL compliant device and the DIGITUS® adapter to your big display. Yet it plays no role, whether you use an ordinary TFT monitor, or a large HDTV. Enjoy your favorite content with a resolution of up to 1080p from your mobile device. Moreover your MHL device will be charged, while streaming the content to the display and you can use your TV remote control to navigate and control the connected device.



	Bulk	DIGITUS® Polybag	DIGITUS® Blister
AK-300305-002-S	0.16 m	On request	On request

HDMI High Speed with Ethernet Cables

HDMI High Speed with Ethernet connection cable, type A/M - type A/M

Full HD and 3D capable + Ethernet connectivity

This Full HD (1080p) and 3D suitable cable used for connection of audio/video devices, such as Blu-ray player, game pads or consoles, etc., for example, with a TV, Monitor or Computer. Also capable for use of any IP-based application.

- Connector 1: HDMI type A, plug
- Connector 2: HDMI type A, plug
- HDMI Standard: Highspeed HDMI with Ethernet
- UL certified: UL20276
- HDTV Standard: 1080p
- HDTV Resolution max.: 1920 x 1200 Pixel, 60Hz
- Hoods: molded
- Shielding: triple shielding
- Wire material: CU
- AWG: depend on length
- Connector surface: gold-plated
- Color cable: black



Bulk		DIGITUS® Polybag	DIGITUS® Blister	
AK-330107-010-S	1.0 m	On request	On request	
AK-330107-020-S	2.0 m	On request	DB-330107-020-S	2.0 m
AK-330107-030-S	3.0 m	On request	DB-330107-030-S	3.0 m
AK-330107-050-S	5.0 m	On request	DB-330107-050-S	5.0 m
AK-330107-100-S	10.0 m	On request	On request	

HDMI High Speed with Ethernet connection cable, type A/M - type A/M

Full HD and 3D capable + Ethernet connectivity

This Full HD (1080p) and 3D suitable cable used for connection of audio/video devices, such as Blu-ray player, game pads or consoles, etc., for example, with a TV, Monitor or Computer. Also capable for use of any IP-based application.

- Connector 1: HDMI type A, plug
- Connector 2: HDMI type A, plug
- HDMI Standard: Highspeed HDMI with Ethernet
- UL certified: UL20276
- HDTV Standard: 1080p
- HDTV Resolution max.: 1920 x 1200 Pixel, 60Hz
- Hoods: molded
- Shielding: triple shielding
- Wire material: CU
- AWG: depend on length
- Connector surface: gold-plated
- Color cable: black



Bulk	DIGITUS® Polybag		DIGITUS® Blister	
-	DK-330112-010-D	1.0 m	DB-330112-010-D	1.0 m
-	DK-330112-020-D	2.0 m	DB-330112-020-D	2.0 m
-	DK-330112-030-D	3.0 m	DB-330112-030-D	3.0 m
-	DK-330112-050-D	5.0 m	DB-330112-050-D	5.0 m
-	DK-330112-100-D	10.0 m	On request	

HDMI High Speed with Ethernet connection cable, type D/M - type D/M

Full HD and 3D capable + Ethernet connectivity

This Full HD (1080p) and 3D suitable cable used for connection of audio/video devices with a HDMI type D interface, which often used by mobile devices such as Smart Phones of newest generation, for example. Also capable for use of any IP-based application..

- Connector 1: HDMI type D, plug
- Connector 2: HDMI type D, plug
- HDMI Standard: Highspeed HDMI with Ethernet
- UL certified: UL20276
- HDTV Standard: 1080p
- HDTV Resolution max.: 1920 x 1200 Pixel, 60Hz
- Hoods: molded
- Shielding: triple shielding
- Wire material: CU
- AWG: depend on length
- Ferrite filter: none
- Connector surface: gold-plated
- Color cable: black



Bulk		DIGITUS® Polybag	DIGITUS® Blister
AK-330108-020-S	2.0 m	On request	On request
AK-330108-030-S	3.0 m	On request	On request
AK-330108-050-S	5.0 m	On request	On request

HDMI High Speed with Ethernet Cables and Adapters

HDMI High Speed with Ethernet connection cable, type D/M - type A/M

Full HD and 3D capable + Ethernet connectivity

This Full HD (1080p) and 3D suitable cable used for connection of audio/video devices with HDMI type D interface such as smart phones of newest generation, for example, with a TV, Monitor, game pad or Computer. Also capable for use of any IP-based application.

- Connector 1: HDMI type D, plug
- Connector 2: HDMI type A, plug
- HDMI Standard: Highspeed HDMI with Ethernet
- UL certified: UL20276
- HDTV Standard: 1440p
- HDTV Resolution max.: 2560 x 1600 Pixel, 60Hz
- Hoods: molded
- Shielding: triple shielding
- Wire material: CU
- AWG: depend on length
- Connector surface: gold-plated
- Color cable: black



Bulk		DIGITUS® Polybag	DIGITUS® Blister
AK-330109-005-S	0.5 m	On request	On request
AK-330109-010-S	1.0 m	On request	On request
AK-330109-020-S	2.0 m	On request	On request
AK-330109-030-S	3.0 m	On request	On request
AK-330109-050-S	5.0 m	On request	On request

HDMI High Speed with Ethernet extension cable, type A/M - type A/F

Full HD and 3D capable + Ethernet connectivity

This Full HD (1080p) and 3D suitable cable used for extension of existing audio/video connections between Blu-ray player, game pads or consoles, etc., for example, and TV, Monitor or Computer. Capable for use of any IP-based application.

- Connector 1: HDMI type A, plug
- Connector 2: HDMI type A, jack
- HDMI Standard: Highspeed HDMI with Ethernet
- UL certified: UL20276
- HDTV Standard: 1080p
- HDTV Resolution max.: 1920 x 1200 Pixel, 60Hz
- Hoods: molded
- Shielding: triple shielding
- Wire material: CU
- AWG: depend on length
- Ferrite filter: none
- Connector surface: gold-plated
- Color: black



Bulk		DIGITUS® Polybag	DIGITUS® Blister
AK-330201-020-S	2.0 m	On request	On request
AK-330201-030-S	3.0 m	On request	On request
AK-330201-050-S	5.0 m	On request	On request

HDMI adapter, type A/F - type A/F

Full HD and 3D capable + Ethernet connectivity

This Full HD (1080p) and 3D suitable adapter can be used for extension of two conection cables, for example.

- Connector 1: HDMI type A, jack
- Connector 2: HDMI type A, jack
- HDTV Standard: 1440p
- HDTV Resolution max.: 1920 x 1200 Pixel, 60Hz
- Hoods: molded
- Shielding: single shielding
- Connector surface: nickel-plated
- Color connector: black



Bulk	DIGITUS® Polybag	DIGITUS® Blister
AK-330500-000-S	On request	On request

HDMI High Speed Adapters

HDMI adapter, type A/F - type A/F

Full HD and 3D capable + Ethernet connectivity

This Full HD (1080p) and 3D suitable adapter can be used for extension of two conection cables, for example.

- Connector 1: HDMI type A, jack
- Connector 2: HDMI type A, jack
- HDTV Standard: 1080p
- HDTV Resolution max.: 1920 x 1200 Pixel, 60Hz
- Hoods: molded
- Shielding: single shielding
- Connector surface: gold-plated
- Color connector: black/grey



Bulk	DIGITUS® Polybag	DIGITUS® Blister
-	DK-330512-000-D	On request

HDMI adapter, type A/M - type A/F

Full HD and 3D capable + Ethernet connectivity

This Full HD (1080p) and 3D adapter is suitable to connect a HDMI extension cables with an HDMI connection cable to bridge a greater distance between two HDMI devices.

- Connector 1: HDMI type A, plug
- Connector 2: HDMI type A, jack
- HDTV Standard: 1440p
- HDTV Resolution max.: 1920 x 1200 Pixel, 60Hz
- Hoods: molded
- Shielding: single shielding
- Connector surface: nickel-plated
- Color connector: black



Bulk	DIGITUS® Polybag	DIGITUS® Blister
AK-330501-000-S	On request	On request

HDMI adapter, 90° angled, type A/M - type A/F

Full HD and 3D capable + Ethernet connectivity

This Full HD (1080p) and 3D suitable adapter is used to ensure a better connection of normal HDMI cables with straight connectors in case of lack space. To avoid to bend the cable more than necessarry, for example .

- Connector 1: HDMI type A, plug
- Connector 2: HDMI type A, jack
- HDTV Standard: 1080p
- HDTV Resolution max.: 1920 x 1200 Pixel, 60Hz
- Hoods: molded
- Shielding: single shielding
- Connector surface: nickel-plated
- Color connector: black



Bulk	DIGITUS® Polybag	DIGITUS® Blister
AK-330502-000-S	On request	On request

HDMI adapter, 90° angled, type A/M - type A/F

Full HD and 3D capable + Ethernet connectivity

This Full HD (1080p) and 3D suitable adapter is used to ensure a better connection of normal HDMI cables with straight connectors in case of lack space. To avoid to bend the cable more than necessarry, for example .

- Connector 1: HDMI type A, plug
- Connector 2: HDMI type A, jack
- HDTV Standard: 1080p
- HDTV Resolution max.: 1920 x 1200 Pixel, 60Hz
- Hoods: molded
- Shielding: single shielding
- Connector surface: gold-plated
- Color connector: black/grey

PREMIUM



Bulk	DIGITUS® Polybag	DIGITUS® Blister
-	DK-330513-000-D	DB-330513-000-D

HDMI adapter, type A/M - type C/F

Full HD and 3D capable + Ethernet connectivity

This Full HD (1080p) and 3D suitable adapter is suitable to connect a HDMI cable with HDMI Type C connector to devices with type A jack, for example.

- Connector 1: HDMI type A, plug
- Connector 2: HDMI type C, jack
- HDTV Standard: 1080p
- HDTV Resolution max.: 1920 x 1200 Pixel, 60Hz
- Hoods: molded
- Shielding: single shielding
- Connector surface: nickel-plated
- Color connector: black

CLASSIC



Bulk	DIGITUS® Polybag	DIGITUS® Blister
AK-330503-000-S	On request	On request

HDMI adapter, type A/M - DVI-D(18+1)/M

HD-Ready

This adapter is suitable to connect a HDMI cable or devices with type A connector to devices with DVI-D jack, for example.

- Connector 1: HDMI type A, plug
- Connector 2: DVI-D, (18+1), plug
- HDTV Standard: 1080p
- HDTV Resolution max.: 1920 x 1200 Pixel, 60Hz
- Hoods: molded
- Shielding: single shielding
- Connector surface: nickel-plated
- Color connector: black

CLASSIC



Bulk	DIGITUS® Polybag	DIGITUS® Blister
AK-330504-000-S	On request	On request

HDMI High Speed Adapters

HDMI adapter, type A/M - DVI-D(18+1)/M

HD-Ready, Dual Link

This adapter is suitable to connect a HDMI cable with type A connector to devices with DVI-D jack, for example.

- Connector 1: HDMI type A, plug
- Connector 2: DVI-D, (18+1), plug
- HDTV Standard: 1080i
- HDTV Resolution max.: 1920 x 1080 Pixel, 60Hz
- Hoods: molded
- Shielding: single shielding
- Connector surface: gold-plated
- Color connector: black/grex



Bulk	DIGITUS® Polybag	DIGITUS® Blister
-	DK-330514-000-D	DB-330514-000-D

HDMI adapter, type A/M - DVI-D(24+5)/F

Full HD, Dual Link

This adapter is suitable to connect a HDMI cable type A to device or cables with DVI-I connector, for example .

- Connector 1: HDMI type A, plug
- Connector 2: DVI-I, (24+5), jack
- HDTV Standard: 1080p
- HDTV Resolution max.: 1920 x 1200 Pixel, 60Hz
- Hoods: molded
- Shielding: single shielding
- Connector surface: nickel-plated
- Color connector: black



Bulk	DIGITUS® Polybag	DIGITUS® Blister
AK-330505-000-S	On request	DB-330505-000-S

HDMI adapter, type A/M - DVI-D(24+5)/F

Full HD, Dual Link

This adapter is suitable to connect a HDMI cable type A to device or cables with DVI-I connector, for example .

- Connector 1: HDMI type A, plug
- Connector 2: DVI-I, (24+5), jack
- HDTV Standard: 1080p
- HDTV Resolution max.: 1920 x 1200 Pixel, 60Hz
- Hoods: molded
- Shielding: single shielding
- Connector surface: gold-plated
- Color connector: black/grey



Bulk	DIGITUS® Polybag	DIGITUS® Blister
-	DK-330515-000-D	DB-330515-000-D

HDMI adapter, type A/F - DVI-D(24+5)/F

Full HD, Dual Link

This adapter is suitable to connect a HDMI cable type A with a DVI connection cable, for example.

- Connector 1: HDMI type A, jack
- Connector 2: DVI-I, (24+5), jack
- HDTV Standard: 1080p
- HDTV Resolution max.: 1920 x 1200 Pixel, 60Hz
- Hoods: molded
- Shielding: single shielding
- Connector surface: nickel-plated
- Color connector: black



Bulk	DIGITUS® Polybag	DIGITUS® Blister
AK-330506-000-S	On request	On request

HDMI adapter, type A/F to DVI-D(24+5)/F

Full HD, Dual Link

This adapter is suitable to connect a HDMI cable type A with a DVI connection cable, for example.

- Connector 1: HDMI type A, jack
- Connector 2: DVI-I, (24+5), jack
- HDTV Standard: 1080p
- HDTV Resolution max.: 1920 x 1200 Pixel, 60Hz
- Hoods: molded
- Shielding: single shielding
- Connector surface: gold-plated
- Color connector: black/grey



Bulk	DIGITUS® Polybag	DIGITUS® Blister
-	DK-330516-000-D	DB-330516-000-D

HDMI adapter, type C/M - type A/F

Full HD and 3D capable + Ethernet connectivity

This Full HD (1080p) and 3D suitable adapter can be used for connection of audio/video devices with HDMI C interface such as Notebooks, for example, with a TV, Monitor or Computer by use of a normal HDMI type A connection cable. Capable for use of any IP-based application.

- Connector 1: HDMI type C, plug
- Connector 2: HDMI type A, jack
- HDTV Standard: 1080p
- HDTV Resolution max.: 1920 x 1200 Pixel, 60Hz
- Hoods: molded
- Shielding: single shielding
- Connector surface: nickel-plated
- Color connector: black



HDMI HIGH-DEFINITION MULTIMEDIA INTERFACE

Bulk	DIGITUS® Polybag	DIGITUS® Blister
AK-330508-000-S	On request	On request

01.06 // Monitor Cables_DisplayPort Cables & Adapaters

Spec Overview

DisplayPort

		Low Cost	Basic	Classic	Premium
Description	Category				
	Version	DisplayPort	DisplayPort	DisplayPort	DisplayPort
Features	UL-conform	No	Yes	Yes	Yes
	HDCP + DPCP transmission capable	Yes	Yes	Yes	Yes
	Max. recommended resolution	2560 x 1600	2560 x 1600	2560 x 1600	2560 x 1600
	Plug and Play	Yes	Yes	Yes	Yes
	Housing	Plastic	Plastic	Plastic	Plastic
	Interlock	No	No	Yes	Yes
	Shielding	Shielded	Double shielded	Double shielded	Double shielded
	Connector	Nickel plated	Nickel plated	Nickel plated	Gold flash
	Ferrit core	----	----	----	----
Construction details	Twisted Pairs	Yes	Yes	Yes	Yes
	AWG-Number	AWG 28	AWG 30	AWG 30 / (28 extension cable)	AWG 30 / (28 extension cable)
	Conductor Material	CCS	CU	CU	CU
	Covered contacts	Gold flash	Gold flash	Gold flash	Gold flash
	Shielding	Foil	Foil + Braid	Foil + Braid	Foil + Braid
		Variable	Seperate	Seperate	Seperate
	Foil Material	AL / Mylar	AL / Mylar	AL / Mylar	AL / Mylar
	Braid Material	----	AL 85%	AL 85%	AL 85%

Mini DisplayPort

		Low Cost	Basic	Classic	Premium
Description	Category				
	Version	Mini DisplayPort	Mini DisplayPort	Mini DisplayPort	Mini DisplayPort
Features	UL-conform	No	Yes	Yes	Yes
	HDCP + DPCP transmission capable	Yes	Yes	Yes	Yes
	Max. recommended resolution	2560 x 1600	2560 x 1600	2560 x 1600	2560 x 1600
	Plug and Play	Yes	Yes	Yes	Yes
	Housing	Plastic	Plastic	Plastic	Plastic
	Interlock	No	No	Yes	Yes
	Shielding	Shielded	Double shielded	Double shielded	Double shielded
	Connector	Nickel plated	Nickel plated	Nickel plated	Gold flash
	Ferrit core	----	----	----	----
Construction details	Twisted Pairs	Yes	Yes	Yes	Yes
	AWG-Number	AWG 28	AWG 32	AWG 32	AWG 32
	Conductor Material	CCS	CU	CU	CU
	Covered contacts	Gold flash	Gold flash	Gold flash	Gold flash
	Shielding	Foill	Foil + Braid	Foil + Braid	Foil + Braid
		Variable	Seperate	Seperate	Seperate
	Foil Material	AL / Mylar	AL / Mylar	AL / Mylar	AL / Mylar
	Braid Material	----	AL 85%	AL 85%	AL 85%

DisplayPort Adapter

		Low Cost	Basic	Classic	Premium
Description	Category				
	Version	DisplayPort	DisplayPort	DisplayPort	DisplayPort
Features	UL-conform	No	Yes	Yes	Yes
	HDCP + DPCP transmission capable	No	Yes	Yes	Yes
	Housing	Plastic	Platic	Platic	Plastic
	Interlock	No	No	Yes	Yes
	Shielding	Unshielded	Shielded	Shielded	Shielded
	Connector	Nickel plated	Nickel plated	Nickel plated	Gold flash
Construction details	Covered contacts	Gold flash	Gold flash	Gold flash	Gold flash
	Shielding	Foil	Foil	Foil	Foil
		Overall	Overall	Overall	Overall
	Foil Material	AL / Mylar	AL / Mylar	AL / Mylar	AL / Mylar

The individual data can differ from the actual specs. Therefore please request the data sheet.



Finder

Connector combination **DisplayPort (DP) Adapter**			Low Cost	Basic	Classic	Premium
DP jack	⇔	DP jack	----	----	p. 69	----
DP plug	⇔	HDMI type A jack	----	----	p. 69	----
DP plug	⇔	DVI-I(24+5) jack	----	----	p. 69	----
DP plug	⇔	HD15 jack	----	----	p. 70	----

Connector combination **DisplayPort (DP) Cable**			Low Cost	Basic	Classic	Premium
DP plug	⇔	DP plug	----	----	p. 68	----
DP plug	⇔	DP jack	----	----	p. 68	----
DP plug	⇔	HDMI type A jack	----	----	p. 69	----
DP plug	⇔	DVI-D(24+1) plug	----	----	p. 68	----
DP plug	⇔	DVI-I(24+5) jack	----	----	p. 69	----
DP plug	⇔	Mini DP jack	----	----	p. 69	----
DP plug	⇔	HD15 jack	----	----	p. 70	----

Connector combination **Mini DisplayPort (Mini DP) Adapter**			Low Cost	Basic	Classic	Premium
Mini DP plug	⇔	DP jack	----	----	p. 74	----

Connector combination **Mini DisplayPort (Mini DP) Cable**			Low Cost	Basic	Classic	Premium
Mini DP plug	⇔	Mini DP plug	----	----	p. 72	----
Mini DP plug	⇔	DP plug	----	----	p. 72	----
Mini DP plug	⇔	DVI-D(24+1) plug	----	----	p. 72	----
Mini DP plug	⇔	HDMI type A jack	----	----	p. 73	----
Mini DP plug	⇔	DVI-I(24+5) jack	----	----	p. 73	----
Mini DP plug	⇔	DP jack	----	----	p. 73	----
Mini DP plug	⇔	HD15 jack	----	----	p. 74	----
Mini DP plug	⇔	HDMI type A jack + DP jack + DVI-I(24+5) jack	----	----	p. 74	----

DisplayPort Cables

DisplayPort connection cable, DP/M - DP/M

Ideal for CAD/CAM, GIS, 3D modeling, real time simulation, and more.

This high performance HD digital audio and video cable used for connection of a PC or Notebook with DisplayPort interface to Monitor with DisplayPort interface, for example.

- Connector 1: DP, plug
- Connector 2: DP, plug
- DisplayPort standard: DisplayPort 1.2
- UL certified: UL20276
- Hoods: molded
- Shielding: double shielding
- AWG: 28
- Wire material: CU
- Connector surface: nickel-plated
- Interlock: Snap fastener
- Ferrite filter: none
- Color cable: black
- Color connector: black



Bulk		DIGITUS® Polybag	DIGITUS® Blister	
AK-340100-010-S	1.0 m	On request	DB-340100-010-S	1.0 m
AK-340100-020-S	2.0 m	On request	DB-340100-020-S	2.0 m
AK-340100-030-S	3.0 m	On request	DB-340100-030-S	3.0 m
AK-340100-050-S	5.0 m	On request	DB-340100-050-S	5.0 m

DisplayPort extension cable, DP/M - DP/F

High Performance - HD audio/video signals over longer distances

This high performance HD digital audio and video cable used for extension of existing DisplayPort connections between grafic card an Monitor, for example.

- Connector 1: DP, plug
- Connector 2: DP, jack
- DisplayPort standard: DisplayPort 1.2
- UL certified: UL20276
- Hoods: molded
- Shielding: double shielding
- AWG: 28
- Wire material: CU
- Connector surface: nickel-plated
- Interlock: Snap fastener
- Ferrite filter: none
- Color cable: black
- Color connector: black



Bulk		DIGITUS® Polybag	DIGITUS® Blister	
AK-340200-020-S	2.0 m	On request	DB-340200-020-S	2.0 m
AK-340200-030-S	3.0 m	On request	DB-340200-030-S	3.0 m
AK-340200-050-S	5.0 m	On request	DB-340200-050-S	5.0 m

DisplayPort adapter cable, DP/M - DVI-D(24+1)/M

Digital Full HD, Dual Link

This digital HD cable converts DisplayPort signals to DVI signals. Ideal to connect DisplayPort devices to your HD TV, Beamer or Monitor with DVI interface, for example.

- Connector 1: DP, plug
- Connector 2: DVI-D, (24+1), plug
- DisplayPort standard: DisplayPort 1.2
- UL certified: UL20276
- Hoods: molded
- Shielding: double shielding
- AWG: 28
- Wire material: CU
- Connector surface: nickel-plated
- Interlock: Snap fastener
- Ferrite filter: none
- Color cable: black
- Color connector: black



Bulk		DIGITUS® Polybag	DIGITUS® Blister	
AK-340301-010-S	1.0 m	On request	DB-340301-010-S	1.0 m
AK-340301-020-S	2.0 m	On request	DB-340301-020-S	2.0 m
AK-340301-030-S	3.0 m	On request	DB-340301-030-S	3.0 m
AK-340301-050-S	5.0 m	On request	DB-340301-050-S	5.0 m

DisplayPort adapter cable, DP/M - HDMI type A/F

Less force on interface

This HD video and digital audio cable suits ideal to connect a Notebook or Computer with DP interface to a HDMI Monitor, Beamer, LCD/TFT Monitor, LED or Plasma TV with a HDMI cable, for example.

- Connector 1: DP, plug
- Connector 2: HDMI type A, jack
- DisplayPort standard: DisplayPort 1.2
- UL certified: UL20276
- Hoods: molded
- Shielding: double shielding
- AWG: 28
- Wire material: CU
- Connector surface: nickel-plated
- Interlock: Snap fastener
- Ferrite filter: none
- Color cable: black
- Color connector: black



Bulk		DIGITUS® Polybag	DIGITUS® Blister	
AK-340400-001-S	0.15 m	On request	DB-340400-001-S	0.15 m

DisplayPort adapter cable, DP/M - DVI-I(24+5)/F

Less force on interface

This digital HD cable suits ideal to connect a Notebook or Computer with DP interface to a DVI Monitor, Beamer, LCD/TFT Monitor with a DVI cable, for example.

- Connector 1: DP, plug
- Connector 2: DVI-I, (24+5), jack
- DisplayPort standard: DisplayPort 1.2
- UL certified: UL20276
- Hoods: molded
- Shielding: double shielding
- AWG: 28
- Wire material: CU
- Connector surface: nickel-plated
- Interlock: Snap fastener
- Ferrite filter: none
- Color cable: black
- Color connector: black



Bulk		DIGITUS® Polybag	DIGITUS® Blister	
AK-340401-001-S	0.15 m	On request	DB-340401-001-S	0.15 m

DisplayPort adapter cable, DP/M - mini DP/F

Less force on interface

This digital HD cable suits ideal to connect a MacBook, MacBook Air, MacBook Pro, iMac, Mac mini and Mac Pro to a DP Monitor, Beamer, LCD/TFT Monitor with a mini DP cable, for example.

- Connector 1: DP, plug
- Connector 2: Mini DP, jack
- DisplayPort standard: DisplayPort 1.1a
- UL certified: UL20276
- Hoods: molded
- Shielding: double shielding
- AWG: 32
- Wire material: CU
- Connector surface: nickel-plated
- Interlock: Snap fastener
- Ferrite filter: none
- Color cable: black
- Color connector: black



Bulk		DIGITUS® Polybag	DIGITUS® Blister	
AK-340402-001-S	0.15 m	On request	DB-340402-001-S	0.15 m

DisplayPort Cables and Adapters

DisplayPort adapter cable, DP/M - HD15/F

Less force on interface

This cable suits ideal to connect a Notebook or Computer with DP interface to a VGA Monitor, Beamer, LCD/TFT Monitor with a VGA Monitor cable, for example.

- Connector 1: DP, plug
- Connector 2: HD15, jack
- DisplayPort standard: DisplayPort 1.2
- UL certified: UL20276
- Hoods: molded
- Shielding: double shielding
- AWG: 28
- Wire material: CU
- Connector surface: nickel-plated
- Interlock: Snap fastener
- Ferrite filter: none
- Color cable: black
- Color connector: black



Bulk		DIGITUS® Polybag	DIGITUS® Blister	
AK-340403-001-S	0.15 m	On request	**DB-340403-001-S**	0.15 m

DisplayPort adapter, DP/F - DP/F

Robust adaptor, high mechanical load capacity

With this adapter you can connect two DP connection cables, to be able to brdge longer distances between input and output device, for example.

- Connector 1: DP, jack
- Connector 2: DP, jack
- DisplayPort standard: DisplayPort 1.2
- UL certified: UL1007
- Hoods: molded
- Connector surface: nickel-plated
- Color connector: black



Bulk	DIGITUS® Polybag	DIGITUS® Blister
AK-340600-000-S	On request	**DB-340600-000-S**

DisplayPort adapter, DP/M - HDMI Type A/F

Robust adaptor, high mechanical load capacity

With this adapter you can connect a HDMI cable to the DP interface of your graphic card or Notebook, for example.

- Connector 1: DP, plug
- Connector 2: HDMI type A, jack
- DisplayPort standard: DisplayPort 1.2
- UL certified: UL1007
- Hoods: molded
- Connector surface: nickel-plated
- Interlock: Snap fastener
- Color connector: black



Bulk	DIGITUS® Polybag	DIGITUS® Blister
AK-340602-000-S	On request	**DB-340602-000-S**

DisplayPort adapter, DP/M - DVI-I (24-5)/F

Robust adaptor, high mechanical load capacity

With this adapter you can connect a DVII cable to the DP interface of your graphic card or Notebook, for example.

- Connector 1: DP, plug
- Connector 2: DVI-I, (24+5), jack
- DisplayPort standard: DisplayPort 1.2
- UL certified: UL1007
- Hoods: molded
- Connector surface: nickel-plated
- Interlock: Snap fastener
- Color connector: black



Bulk	DIGITUS® Polybag	DIGITUS® Blister
AK-340603-000-S	On request	DB-340603-000-S

DisplayPort adapter, DP/M - HD15/F

Robust adaptor, high mechanical load capacity

With this adapter you can connect a VGA Monitor cable to the DP interface of your graphic card or Notebook, for example.

- Connector 1: DP, plug
- Connector 2: HD15, jack
- DisplayPort standard: DisplayPort 1.2
- UL certified: UL1007
- Hoods: molded
- Connector surface: nickel-plated
- Interlock: Snap fastener
- Color connector: black



Bulk	DIGITUS® Polybag	DIGITUS® Blister
AK-340604-000-S	On request	DB-340604-000-S

Mini DisplayPort Cables

DisplayPort connection cable, mini DP/M - mini DP/M

Ideal to connect 2 mobile devices

This high performance HD digital Audio and video cable suits for connection of a MacBook, MacBook Air, MacBook Pro, iMac, Mac mini and Mac Pro to other devices with mini DP interface, for example.

- Connector 1: Mini DP, plug
- Connector 2: Mini DP, plug
- DisplayPort standard: DisplayPort 1.1a
- UL certified: UL20276
- Hoods: molded
- Shielding: double shielding
- AWG: 32
- Wire material: CU
- Connector surface: nickel-plated
- Interlock: none
- Ferrite filter: none
- Color cable: white
- Color connector: white



Bulk		DIGITUS® Polybag	DIGITUS® Blister	
On request		On request	**DB-340101-050-W**	0.5 m
AK-340101-010-W	1.0 m	On request	On request	
AK-340101-020-W	2.0 m	On request	**DB-340101-020-W**	2.0 m
AK-340101-030-W	3.0 m	On request	**DB-340101-030-W**	3.0 m

DisplayPort connection cable, mini DP/M - DP/M

Ideal to connect mobile devices with displays

This high performance HD digital audio and video cable suits for connection of a MacBook, MacBook Air, MacBook Pro, iMac, Mac mini and Mac Pro to a Monitor, Beamer, LCD/TFT Monitor with DP interface, for example.

- Connector 1: Mini DP, plug
- Connector 2: DP, plug
- DisplayPort standard: DisplayPort 1.1a
- UL certified: UL20276
- Hoods: molded
- Shielding: double shielding
- AWG: 32
- Wire material: CU
- Connector surface: nickel-plated
- Interlock: Snap fastener
- Ferrite filter: none
- Color cable: white
- Color connector: white



Bulk		DIGITUS® Polybag	DIGITUS® Blister	
AK-340102-010-W	1.0 m	On request	**DB-340102-010-W**	1.0 m
AK-340102-020-W	2.0 m	On request	**DB-340102-020-W**	2.0 m
AK-340102-030-W	3.0 m	On request	**DB-340102-030-W**	3.0 m

DisplayPort adapter cable, mini DP/M - DVI(24+1)/M

Digital Full HD, Dual Link

This digital HD cable suits for connection of a MacBook, MacBook Air, MacBook Pro, iMac, Mac mini and Mac Pro to a Monitor, Beamer, LCD/TFT Monitor, LED oder Plasma-TV with DVI interface, for example.

- Connector 1: Mini DP, plug
- Connector 2: DVI-D, (24+1), plug
- DisplayPort standard: DisplayPort 1.1a
- UL certified: UL20276
- Hoods: molded
- Shielding: double shielding
- AWG: 32
- Wire material: CU
- Connector surface: nickel-plated
- Interlock: none
- Ferrite filter: none
- Color cable: white
- Color connector: white



Bulk		DIGITUS® Polybag	DIGITUS® Blister
AK-340305-010-W	1.0 m	On request	On request
AK-340305-020-W	2.0 m	On request	On request
AK-340305-030-W	3.0 m	On request	On request

DisplayPort adapter cable, mini DP/M - HDMI type A/F

Less force on interface

This HD video and digital audio cable suits ideal to connect a MacBook, MacBook Air, MacBook Pro, iMac, Mac mini and Mac Pro to a HDMI Monitor, Beamer, LCD/TFT Monitor, LED or Plasma TV with a HDMI cable, for example.

- Connector 1: Mini DP, plug
- Connector 2: HDMI type A, jack
- DisplayPort standard: DisplayPort 1.1a
- UL certified: UL20276
- Hoods: molded
- Shielding: double shielding
- AWG: 32
- Wire material: CU
- Connector surface: nickel-plated
- Interlock: none
- Ferrite filter: none
- Color cable: white
- Color connector: white



Bulk		DIGITUS® Polybag	DIGITUS® Blister	
AK-340404-001-W	0.15 m	On request	**DB-340404-001-W**	0.15 m

DisplayPort adapter cable, mini DP/M - DP/F

Less force on interface

This HD digital audio and video cable suits ideal to connect a MacBook, MacBook Air, MacBook Pro, iMac, Mac mini and Mac Pro to a DP Monitor, Beamer, LCD/TFT Monitor with a DP cable, for example.

- Connector 1: Mini DP, plug
- Connector 2: DP, jack
- DisplayPort standard: DisplayPort 1.1a
- UL certified: UL20276
- Hoods: molded
- Shielding: double shielding
- AWG: 32
- Wire material: CU
- Connector surface: nickel-plated
- Interlock: none
- Ferrite filter: none
- Color cable: white
- Color connector: white



Bulk		DIGITUS® Polybag	DIGITUS® Blister	
AK-340405-001-W	0.15 m	On request	**DB-340405-001-W**	0.15 m

DisplayPort adapter cable, mini DP/M - DVI-D(24+5)/F

Less force on interface

This digital HD cable suits ideal to connect a MacBook, MacBook Air, MacBook Pro, iMac, Mac mini and Mac Pro to a DVI Monitor, Beamer, LCD/TFT Monitor, LED oder Plasma-TV with a DVI cable, for example.

- Connector 1: Mini DP, plug
- Connector 2: DVI-I, (24+5), jack
- DisplayPort standard: DisplayPort 1.1a
- UL certified: UL20276
- Hoods: molded
- Shielding: double shielding
- AWG: 32
- Wire material: CU
- Connector surface: nickel-plated
- Interlock: none
- Ferrite filter: none
- Color cable: white
- Color connector: white



Bulk		DIGITUS® Polybag	DIGITUS® Blister	
AK-340406-001-W	0.15 m	On request	**DB-340406-001-W**	0.15 m

Mini DisplayPort Cables

DisplayPort adapter cable, mini DP/M - HD15/F

Less force on interface

This cable suits ideal to connect a MacBook, MacBook Air, MacBook Pro, iMac, Mac mini and Mac Pro to a VGA Monitor, Beamer, LCD/TFT Monitor with a VGA Monitor cable, for example.

- Connector 1: Mini DP, plug
- Connector 2: HD15, jack
- DisplayPort standard: DisplayPort 1.1a
- UL certified: UL20276
- Hoods: molded
- Shielding: double shielding
- AWG: 32
- Wire material: CU
- Connector surface: nickel-plated
- Interlock: none
- Ferrite filter: none
- Color cable: white
- Color connector: white



Bulk		DIGITUS® Polybag	DIGITUS® Blister	
AK-340407-001-W	0.15 m	On request	**DB-340407-001-W**	0.15 m

DisplayPort Y-splitter cable, mini DP/M - DP/F + HDMI type A/F + DVI-I(24+5)/F

No need to buy 3 single adapter

This 3in1 cable suits ideal to connect a MacBook, MacBook Air, MacBook Pro, iMac, Mac mini and Mac Pro to a Beamer, LCD/TFT Monitor, LED or Plasma-TV with DP, HDMI type A or DVI interface, for example. A concurrent use of the DP, HDMI type A or DVI data link is not possible! The display resolution depends on the used connection. The DP and HDMI output supports Audio for iMac (End 2009) and MacBook Pro (Mid 2010). Automatic display recognition.

- Connector 1: Mini DP, plug
- Connector 2: DP, jack + HDMI type A, jack + DVI-I(24+5), jack
- DisplayPort standard: DisplayPort 1.1a
- UL certified: UL20276
- Hoods: molded
- Shielding: double shielding
- AWG: 32
- Wire material: CU
- Connector surface: nickel-plated
- Interlock: none
- Ferrite filter: none
- Color cable: white
- Color connector: white



Bulk		DIGITUS® Polybag	DIGITUS® Blister
AK-340509-002-W	0.2 m	On request	On request

DisplayPort adapter, mini DP/M - DP/F

Robust adaptor, high mechanical load capacity

With this adapter you can connect a DP cable to the mini DP interface of your Apple Notebook, for example.

- Connector 1: Mini DP, plug
- Connector 2: DP, jack
- DisplayPort standard: DisplayPort 1.1a
- UL certified: UL1007
- Hoods: molded
- Connector surface: nickel-plated
- Interlock: none
- Color connector: white



Bulk	DIGITUS® Polybag	DIGITUS® Blister
AK-340605-000-W	On request	**DB-340605-000-W**

Serial cables still enjoy regular use, even although this technology has been used for years. They are still used especially in the industrial area for simple data transmission. The cables differ, on one hand, because of their pin assignment which extends the different areas of use and because of their construction on the other hand. The basic cables are provided with low-priced snap-on caps and can be opened more easily by hobbyists and handymen. The classical versions on the other hand are more robust with solid, cast caps. This more professional standard is underlined with the black colour.

Spec Overview

Serial Cable

		Low Cost	Basic	Classic	Premium
Description	Category				
	Version	Serial	Serial	Serial	Serial
Features	EIA Standard	RS 232	RS 232	RS 232	RS 232
	UL-conform	No	No	No	No
	Housing	Molded	Snap hood	Molded	Molded
	Shielding	Shielded	Shielded	Shielded	Shielded
	Connector	Nickel plated	Nickel plated	Nickel plated	Nickel plated
Construction details	AWG-Number	AWG 28	AWG 30	AWG 28	AWG 28
	Conductor Material	CCS	CU	CU	CU
	Covered contacts	Gold flash	Gold flash	Gold flash	Gold flash
	Shielding	Foil	Foil	Foil	Foil
		Overall	Overall	Overall	Overall
	Foil Material	AL / Mylar	AL / Mylar	AL / Mylar	AL / Mylar
	Drainwire	----	AWG 28	AWG 28	AWG 28

Serial Adapter

		Low Cost	Basic	Classic	Premium
Description	Category				
	Version	Serial	Serial	Serial	Serial
Features	EIA Standard	RS 232	RS 232	RS 232	RS 232
	UL-conform	No	No	No	No
	Housing	Molded	Snap hood	Molded	Molded
	Shielding	Unshielded	Shielded	Shielded	Shielded
Construction details	Connector	Nickel plated	Nickel plated	Nickel plated	Nickel plated
	Covered contacts	Gold flash	Gold flash	Gold flash	Gold flash
	Shielding	----	Foil	Foil	Foil
		----	Overall	Overall	Overall
	Foil Material	----	AL / Mylar	AL / Mylar	AL / Mylar

Finder

Connector combination **Serial Cable**			Low Cost	Basic	Classic	Premium
D-Sub9 jack	⇔	D-Sub9 jack	----	p. 76/77	p. 78	p. 79
D-Sub9 jack	⇔	D-Sub25 plug	----	p. 76	----	----
D-Sub9 jack	⇔	D-Sub25 jack	----	p. 77	----	----
D-Sub9 plug	⇔	D-Sub9 plug	----	----	p. 78	----
D-Sub9 plug	⇔	D-Sub9 jack	----	p. 80	p. 80	p. 80
D-Sub25 plug	⇔	D-Sub25 plug	----	----	p. 77	----
D-Sub25 plug	⇔	D-Sub25 jack	----	p. 79	p. 79	----
D-Sub9 plug	⇔	IDC (Motherboard)	----	----	p. 81	----

Connector combination **Serial Adapter**			Low Cost	Basic	Classic	Premium
D-Sub9 plug	⇔	D-Sub25 jack	----	----	p. 81	----
D-Sub9 jack	⇔	D-Sub25 plug	----	----	p. 81	----

Serial Cables

Zero-Modem connection cable, D-Sub9/F - D-Sub9/F

Enables a save and stable connection

- Connector 1: DSUB, 9-pin, jack
- Connector 2: DSUB, 9-pin, jack
- UL certified: non UL
- Assignment: 1-4, 2-3, 3-2, 4-1, 5-5, 7-8, 8-7, 9-9, S-S
- Hoods: snap hood
- Shielding: single shielding
- AWG: 28
- Wire material: CU
- Connector surface: nickel-plated
- Color cable: beige
- Color connector: beige



	Bulk	DIGITUS® Polybag	DIGITUS® Blister
AK-610100-018-E	1.8 m	On request	On request
AK-610100-030-E	3.0 m	On request	On request

Zero-Modem connection cable, D-Sub9/F - D-Sub25/M

Enables a save and stable connection

- Connector 1: DSUB, 9-pin, jack
- Connector 2: DSUB, 25-pin, plug
- UL certified: non UL
- Assignment: 1-8, 2-3, 3-2, 4-20, 5-7, 6-6, 7-4, 8-5, 9-22, S_S
- Hoods: snap hood
- Shielding: single shielding
- AWG: 28
- Wire material: CU
- Connector surface: nickel-plated
- Color cable: beige
- Color connector: beige



	Bulk	DIGITUS® Polybag	DIGITUS® Blister
AK-610101-020-E	2.0 m	On request	On request
AK-610101-030-E	3.0 m	On request	On request

Zero-Modem connection cable, D-Sub9/F - D-Sub25/M

Enables a save and stable connection

- Connector 1: DSUB, 9-pin, jack
- Connector 2: DSUB, 25-pin, plug
- UL certified: non UL
- Assignment: 1-8,2-2, 3-3, 4-6, 5-7, 6-20, 7-5, 8-4, 9-22, S-S
- Hoods: snap hood
- Shielding: single shielding
- AWG: 28
- Wire material: CU
- Connector surface: nickel-plated
- Color cable: beige
- Color connector: beige



	Bulk	DIGITUS® Polybag	DIGITUS® Blister
AK-610102-030-E	3.0 m	On request	On request

Zero-Modem connection cable, D-Sub9/F - D-Sub25/F

Enables a save and stable connection

- Connector 1: DSUB, 9-pin, jack
- Connector 2: DSUB, 25-pin, jack
- UL certified: non UL
- Assignment: 1-8,2-2, 3-3, 4-6, 5-7, 6-20, 7-5, 8-4, 9-22, S-S
- Hoods: snap hood
- Shielding: single shielding
- AWG: 28
- Wire material: CU
- Connector surface: nickel-plated
- Color cable: beige
- Color connector: beige



	Bulk	DIGITUS® Polybag	DIGITUS® Blister
AK-610103-030-E	3.0 m	On request	On request

Datatransfer connection cable, D-Sub25/M - D-Sub25/M

Enables a save and stable connection

- Connector 1: DSUB, 25-pin, plug
- Connector 2: DSUB, 25-pin, plug
- UL certified: non UL
- Assignment: 1:1
- Hoods: molded
- Shielding: single shielding
- AWG: 28
- Wire material: CU
- Connector surface: nickel-plated
- Color cable: beige
- Color connector: beige

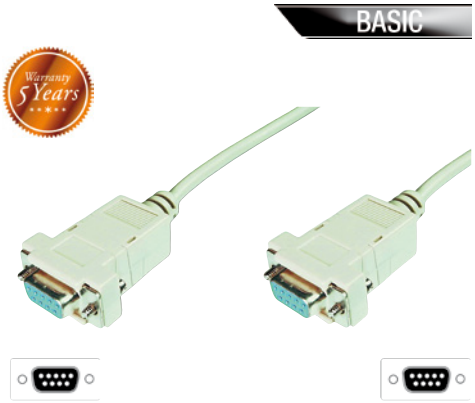


	Bulk	DIGITUS® Polybag	DIGITUS® Blister
AK-610104-020-E	2.0 m	On request	On request

Datatransfer connection cable, D-Sub9/F - D-Sub9/F

Enables a save and stable connection

- Connector 1: DSUB, 9-pin, plug
- Connector 2: DSUB, 9-pin, plug
- UL certified: non UL
- Assignment: 1:1
- Hoods: snap hood
- Shielding: single shielding
- AWG: 28
- Wire material: CU
- Connector surface: nickel-plated
- Color cable: beige
- Color connector: beige



	Bulk	DIGITUS® Polybag	DIGITUS® Blister
AK-610105-020-E	2.0 m	On request	On request

Serial Cables

Datatransfer connection cable, D-Sub9/F - D-Sub9/F

Enables a save and stable connection

- Connector 1: DSUB, 9-pin, jack
- Connector 2: DSUB, 9-pin, jack
- UL certified: non UL
- Assignment: 1:1
- Hoods: molded
- Shielding: single shielding
- AWG: 28
- Wire material: CU
- Connector surface: nickel-plated
- Color cable: beige
- Color connector: beige



Bulk		DIGITUS® Polybag	DIGITUS® Blister
AK-610106-020-E	2.0 m	On request	On request
AK-610106-030-E	3.0 m	On request	On request
AK-610106-050-E	5.0 m	On request	On request

Datatransfer connection cable, D-Sub9/M - D-Sub9/M

Enables a save and stable connection

- Connector 1: DSUB, 9-pin, plug
- Connector 2: DSUB, 9-pin, plug
- UL certified: non UL
- Assignment: 1:1
- Hoods: molded
- Shielding: single shielding
- AWG: 28
- Wire material: CU
- Connector surface: nickel-plated
- Cable type: 9-wire
- Color cable: beige
- Color connector: beige



Bulk		DIGITUS® Polybag	DIGITUS® Blister
AK-610107-020-E	2.0 m	On request	On request
AK-610107-030-E	3.0 m	On request	On request

Zero-Modem connection cable, D-Sub9/F - D-Sub9/F

Enables a save and stable connection

- Connector 1: DSUB, 9-pin, jack
- Connector 2: DSUB, 9-pin, jack
- UL certified: non UL
- Assignment: 1-4, 2-3, 3-2, 4-1, 5-5, 7-8, 8-7, 9-9, S-S
- Hoods: molded
- Shielding: single shielding
- AWG: 28
- Wire material: CU
- Connector surface: nickel-plated
- Color cable: black
- Color connector: black/grey



Bulk	DIGITUS® Polybag		DIGITUS® Blister
-	**DK-610108-018-D**	1.8 m	On request
-	**DK-610108-030-D**	3.0 m	On request

Datatransfer connection cable, D-Sub9/F - D-Sub9/F
Enables a save and stable connection

- Connector 1: DSUB, 9-pin, jack
- Connector 2: DSUB, 9-pin, jack
- UL certified: non UL
- Assignment: 1:1
- Hoods: molded
- Shielding: single shielding
- AWG: 28
- Wire material: CU
- Connector surface: nickel-plated
- Color cable: black
- Color connector: black/grey



Bulk	DIGITUS® Polybag	DIGITUS® Blister
-	**DK-610109-020-D** 2.0 m	On request

Datatransfer extension cable, D-Sub25/M - D-Sub25/F
Enables a save and stable connection

- Connector 1: DSUB, 25-pin, plug
- Connector 2: DSUB, 25-pin, jack
- UL certified: non UL
- Assignment: 1:1
- Hoods: snap hood
- Shielding: single shielding
- AWG: 28
- Wire material: CU
- Connector surface: nickel-plated
- Color cable: beige
- Color connector: beige



Bulk		DIGITUS® Polybag	DIGITUS® Blister
AK-610200-020-E	2.0 m	On request	On request

Datatransfer extension cable, D-Sub25/M - D-Sub25/F
Enables a save and stable connection

- Connector 1: DSUB, 25-pin, plug
- Connector 2: DSUB, 25-pin, jack
- UL certified: non UL
- Assignment: 1:1
- Hoods: molded
- Shielding: single shielding
- AWG: 28
- Wire material: CU
- Connector surface: nickel-plated
- Cable type: 25-wire
- Color cable: beige
- Color connector: beige



Bulk		DIGITUS® Polybag	DIGITUS® Blister
AK-610201-020-E	2.0 m	On request	On request
AK-610201-030-E	3.0 m	On request	On request
AK-610201-050-E	5.0 m	On request	On request

Serial Cables

Datatransfer extension cable, D-Sub9/M - D-Sub9/F

Enables a save and stable connection

- Connector 1: DSUB, 9-pin, plug
- Connector 2: DSUB, 9-pin, jack
- UL certified: non UL
- Assignment: 1:1
- Hoods: snap hood
- Shielding: single shielding
- AWG: 28
- Wire material: CU
- Connector surface: nickel-plated
- Color cable: beige
- Color connector: beige



Bulk		DIGITUS® Polybag	DIGITUS® Blister
AK-610202-020-E	2.0 m	On request	On request

Datatransfer extension cable, D-Sub9/M - D-Sub9/F

Enables a save and stable connection

- Connector 1: DSUB, 9-pin, plug
- Connector 2: DSUB, 9-pin, jack
- UL certified: non UL
- Assignment: 1:1
- Hoods: molded
- Shielding: single shielding
- AWG: 28
- Wire material: CU
- Connector surface: nickel-plated
- Color cable: beige
- Color connector: beige



Bulk		DIGITUS® Polybag	DIGITUS® Blister
AK-610203-020-E	2.0 m	On request	On request
AK-610203-030-E	3.0 m	On request	On request
AK-610203-050-E	5.0 m	On request	On request
AK-610203-100-E	0.0 m	On request	On request

Datatransfer extension cable, D-Sub9/M - D-Sub9/F

Enables a save and stable connection

- Connector 1: DSUB, 9-pin, plug
- Connector 2: DSUB, 9-pin, jack
- UL certified: non UL
- Assignment: 1:1
- Hoods: molded
- Shielding: single shielding
- AWG: 28
- Wire material: CU
- Connector surface: nickel-plated
- Color cable: black
- Color connector: black/grey



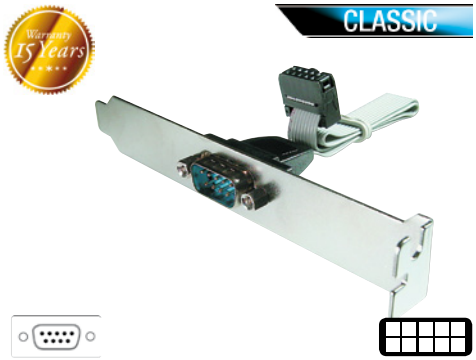
Bulk	DIGITUS® Polybag		DIGITUS® Blister
-	**DK-610204-020-D**	2.0 m	On request
-	**DK-610204-030-D**	3.0 m	On request
-	**DK-610204-050-D**	5.0 m	On request
-	**DK-610204-100-D**	10.0 m	On request

Serial Slot Bracket adapter cable, D-Sub9/M - IDC 2x5pin/F

Enables a save and stable connection

This article is suited for the installation in Motherboards of the series S1836 and S2054.

- Connector 1: DSUB, 9-pin, plug
- Connector 2: IDC 2x5pin/F
- UL certified: non UL
- Assignment: 1:1
- Hoods: molded
- AWG: 28
- Wire material: CU
- Connector surface: nickel-plated
- Color cable: beige
- Color connector: beige



Bulk		DIGITUS® Polybag	DIGITUS® Blister
AK-610300-003-E	0.25 m	On request	On request

Serial adapter, D-Sub9 - D-Sub25

- Connector 1: DSUB, 9-pin, jack
- Connector 2: DSUB, 25-pin, plug
- Molded housing
- Color: beige



Bulk	DIGITUS® Polybag	DIGITUS® Blister
AK-610500-000-E	On request	On request

Serial adapter, D-Sub9 - D-Sub25

- Connector 1: DSUB, 9-pin, plug
- Connector 2: DSUB, 25-pin, jack
- Molded housing
- Color: beige



Bulk	DIGITUS® Polybag	DIGITUS® Blister
AK-610501-000-E	On request	On request

Gender Changer

Mini gender changer / 9-pin

- Connector 1 — DSUB, 9-pin, plug
- Connector 2 — DSUB, 9-pin, plug
- Metal version
- Assignment 1:1
- With hex nuts



Bulk	DIGITUS® Polybag	DIGITUS® Blister
AB 410	On request	On request

Mini gender changer / 9-pin

- Connector 1 — DSUB, 9-pin, jack
- Connector 2 — DSUB, 9-pin, jack
- Metal version
- Assignment 1:1
- With hex nuts



Bulk	DIGITUS® Polybag	DIGITUS® Blister
AB 411	On request	On request

Mini gender changer / 15-pin

- Connector 1 — HD DSUB, 15-pin, plug
- Connector 2 — HD DSUB, 15-pin, plug
- Metal version
- Assignment 1:1
- With hex nuts



Bulk	DIGITUS® Polybag	DIGITUS® Blister
AB 412	On request	On request

Mini gender changer / 15-pin

- Connector 1 — HD DSUB, 15-pin, jack
- Connector 2 — HD DSUB, 15-pin, jack
- Metal version
- Assignment 1:1
- With hex nuts

CLASSIC



Bulk	DIGITUS® Polybag	DIGITUS® Blister
AB 413	On request	On request

Mini gender changer / 25-pin

- Connector 1 — DSUB, 25-pin, plug
- Connector 2 — DSUB, 25-pin, plug
- Metal version
- Assignment 1:1
- With hex nuts

CLASSIC



Bulk	DIGITUS® Polybag	DIGITUS® Blister
AB 414	On request	On request

Mini gender changer / 25-pin

- Connector 1 — DSUB, 25-pin, jack
- Connector 2 — DSUB, 25-pin, jack
- Metal version
- Assignment 1:1
- With hex nuts

CLASSIC



Bulk	DIGITUS® Polybag	DIGITUS® Blister
AB 415	On request	On request

Gender Changer

Mini gender changer / 15-pin

- Connector 1 HD DSUB, 15-pin, plug
- Connector 2 HD DSUB, 15-pin, plug
- Metal version
- Assignment 1:1
- With hex nuts



Bulk	DIGITUS® Polybag	DIGITUS® Blister
AB 418	On request	On request

Mini gender changer / 15-pin

- Connector 1 HD DSUB, 15-pin, jack
- Connector 2 HD DSUB, 15-pin, jack
- Metal version
- Assignment 1:1
- With hex nuts



Bulk	DIGITUS® Polybag	DIGITUS® Blister
AB 420	On request	On request

Mini zero-modem adapter

- Connector 1 DSUB, 9-pin, plug
- Connector 2 DSUB, 9-pin, jack
- Metal housing
- Assignment 2-3, 3-2, 4-1/6, 5-5, 1/6-4, 7-8, 8-7, G-G



Bulk	DIGITUS® Polybag	DIGITUS® Blister
AB NM9	On request	Auf Anfrage

Mini zero-modem adapter

- Connector 1 DSUB, 25-pin, plug
- Connector 2 DSUB, 25-pin, jack
- Metal housing
- Assignment 1-1, 2-3, 3-2, 4, 5-8, 6-20, 7-7, 8-4, 5, 20-6, G-G



Bulk	DIGITUS® Polybag	DIGITUS® Blister
On request	On request	On request

RS 232 adapter

- Connector 1 DSUB, 9-pin, plug
- Connector 2 DSUB, 25-pin, plug
- Metal version
- DSUB, 9-pin, with hex-screws
- DSUB, 25-pin, with screw eyes



Bulk	DIGITUS® Polybag	DIGITUS® Blister
AB 467	On request	On request

RS 232 adapter

- Connector 1 DSUB, 9-pin, plug
- Connector 2 DSUB, 25-pin, jack
- Metal version
- DSUB, 9-pin, with hex-screws
- DSUB, 25-pin, with screw eyes



Bulk	DIGITUS® Polybag	DIGITUS® Blister
On request	On request	On request

Gender Changer

RS 232 adapter

- Connector 1 DSUB, 9-pin, jack
- Connector 2 DSUB, 25-pin, jack
- Metal version
- DSUB, 9-pin, with hex-screws
- DSUB, 25-pin, with screw eyes



Bulk	DIGITUS® Polybag	DIGITUS® Blister
On request	On request	On request

RS 232 adapter

- Connector 1 DSUB, 9-pin, jack
- Connector 2 DSUB, 25-pin, plug
- Metal version
- DSUB, 9-pin, with hex-screws
- DSUB, 25-pin, with screw eyes



Bulk	DIGITUS® Polybag	DIGITUS® Blister
On request	On request	On request

01.08 // PS/2 Cables



Although one of the oldest, this standard is still the most widespread in the computer field for the operation of peripherals such as keyboards and mice. In order to take into account the increasingly black colour scheme of input devices and desktop accessories, the extension cable in the Classic area has been given a high-quality black appearance.

Spec Overview

PS/2

		Low Cost	Basic	Classic	Premium
Description	Category				
	Version	PS/2	PS/2	PS/2	PS/2
	UL-conform	No	No	NO	Yes
Features	Housing	Molded	Molded	Molded	Molded
	Shielding	Unshielded	Shielded	Shielded	Shielded
	Connector	Nickel plated	Nickel plated	Nickel plated	Nickel plated
	Ferrit core	Variable	No	No	No
Construction Details	AWG-Number	AWG 28	AWG 28	AWG 28	AWG 28
	Conductor Material	CCS	CU	CU	CU
	Covered contacts	Gold flash	Gold flash	Gold flash	Gold flash
	Shielding	Foil	Foil	Foil	Foil
		Overall	Overall	Overall	Overall
	Foil Material	AL / Mylar	AL / Mylar	AL / Mylar	AL / Mylar
	Drainwire	No	AL 7x0,163	AL 7x0,163	AL 7x0,163

Finder

Connector combination **PS-2 Cable**			Low Cost	Basic	Classic	Premium
Mini DIN6 plug	⇔	Mini DIN6 plug	----	----	p. 88	----
Mini DIN6 plug	⇔	Mini DIN6 jack	----	----	p. 88	p. 88
Mini DIN6 plug	⇔	2x Mini DIN6 jack	----	----	p. 89	----
Mini DIN6 jack	⇔	IDC (Motherboard)	----	----	p. 89	----

The individual data can differ from the actual specs. Therefore please request the data sheet.

PS/2 Cables

PS/2 connection cable, Mini-DIN6/M - Mini-DIN6/M

A Save and Reliable Connection

This cable provides a perfect link between your computer and devices with PS/2 female interface.

- Connector 1: MiniDIN, 6-pin, plug
- Connector 2: MiniDIN, 6-pin, plug
- UL certified: non UL
- Hoods: molded
- Shielding: single shielding
- AWG: 28
- Wire material: CU
- Connector surface: nickel-plated
- Color cable: beige
- Color connector: beige



	Bulk	DIGITUS® Polybag	DIGITUS® Blister
AK-590100-020-E	2.0 m	On request	On request
AK-590100-030-E	3.0 m	On request	On request
AK-590100-050-E	5.0 m	On request	On request

PS/2 extension cable, Mini-DIN6/M - Mini-DIN6/F

A Save and Reliable Connection

Use this cable to extend the wired keyboard or mouse of your PC or notebook, for example.

- Connector 1: MiniDIN, 6-pin, plug
- Connector 2: MiniDIN, 6-pin, jack
- UL certified: non UL
- Hoods: molded
- Shielding: single shielding
- AWG: 28
- Wire material: CU
- Connector surface: nickel-plated
- Color cable: beige
- Color connector: beige



	Bulk	DIGITUS® Polybag	DIGITUS® Blister
AK-590200-020-E	2.0 m	On request	On request
AK-590200-050-E	5.0 m	On request	On request

PS/2 extension cable, Mini-DIN6/M - Mini-DIN6/F

A Save and Reliable Connection

Use this cable to extend the wired keyboard or mouse of your PC or notebook, for example.

- Connector 1: MiniDIN, 6-pin, plug
- Connector 2: MiniDIN, 6-pin, jack
- UL certified: non UL
- Hoods: molded
- Shielding: single shielding
- AWG: 28
- Wire material: CU
- Connector surface: nickel-plated
- Color cable: black
- Color connector: black/grey



Bulk	DIGITUS® Polybag		DIGITUS® Blister
-	**DK-590201-020-D**	2.0 m	On request

PS/2 Y-adapter cable, miniDIN6/M - 2 x miniDIN6/F

A Save and Reliable Connection

With this cable you can simultane use connect a PS/2 keyboard and maouse to you notebook for example even there is only one interface available.

- Connector 1: MiniDIN, 6-pin, plug
- Connector 2: MiniDIN, 6-pin, jack
- UL certified: non UL
- Hoods: molded
- Shielding: Unshielded
- AWG: 28
- Wire material: CU
- Connector surface: nickel-plated
- Color cable: beige
- Color connector: beige



	Bulk	DIGITUS® Polybag	DIGITUS® Blister
AK-590300-002-E	1.5 m	On request	On request

PS/2 Slot Bracket cable, miniDIN6/F - Socket Connector 10pin

A Save and Reliable Connection

This cable makes it easy to use the PS/2 port on the motherboard externally.

- Connector 1: MiniDIN, 6-pin, jack
- Connector 2: Socket Connector, 10-pin
- UL certified: non UL
- Hoods: molded
- Shielding: Unshielded
- AWG: 28
- Wire material: CU
- Connector surface: nickel-plated
- Color cable: beige
- Color connector: beige



	Bulk	DIGITUS® Polybag	DIGITUS® Blister
AK-590301-003-E	0.25m	On request	On request

01.09 // Firewire Cables

Spec Overview

FireWire 400

		Low Cost	Basic	Classic	Premium
Description	Category				
	Version	FireWire 400	FireWire 400	FireWire 400	FireWire 400
Features	IEEE conformity according	1394-2008 (1394 A)	1394-2008 (1394 A)	1394-2008 (1394 A)	1394-2008 (1394 A)
	UL-conform	UL	Yes	Yes	Yes
	Housing	Molded	Molded	Molded	Molded
	Shielding	Double shielded	Triple shielded	Triple shielded	Triple shielded
	Connector	Nickel plated	Nickel plated	Nickel plated	Gold plated
Construction details	Twisted Pairs	Yes	Yes	Yes	Yes
	AWG-Number	AWG 28/26	AWG 30/24	AWG 30/24	AWG 30/24
	Conductor Material	CCS	CU	CU	CU
	Cover of contacts	Gold flash	Gold flash	Gold flash	Gold flash
	Shielding	Foil + Braid	Foil, Spiral + Braid	Foil, Spiral + Braid	Foil, Spiral + Braid
		Variable	Overall	Seperate	Seperate
	Foil Material	AL / Mylar	AL / Mylar	AL / Mylar	AL / Mylar
	Braid Material	AL 85%	AL 85%	AL 90%	AL 90%
	Spiral Material	----	CU / 66/0.08	CU / 66/0.08	CU / 66/0.08

FireWire 600

		Low Cost	Basic	Classic	Premium
Description	Category				
	Version	FireWire 800	FireWire 800	FireWire 800	FireWire 800
Features	IEEE conformity according	1394-2008 (1394 B)	1394-2008 (1394 B)	1394-2008 (1394 B)	1394-2008 (1394 B)
	UL-conform	No	Yes	Yes	Yes
	Housing	Molded	Molded	Molded	Molded
	Shielding	Double shielded	Triple shielded	Triple shielded	Triple shielded
	Connector	Nickel plated	Nickel plated	Nickel plated	Gold plated
Construction details	Twisted Pairs	Yes	Yes	Yes	Yes
	AWG-Number	AWG 22/28	AWG 22/25	AWG 22/25	AWG 22/25
	Conductor Material	CCS	CU	CU	CU
	Cover of contacts	Gold flash	Gold flash	Gold flash	Gold flash 15u
	Shielding	Foil + Braid	2x Foil + Braid	2x Foil + Braid	2x Foil + Braid
		Overall	Overall	Seperate	Seperate
	Foil Material	AL / Mylar	AL / Mylar	AL / Mylar	AL / Mylar
	Braid Material	CU 85%	CU 85%	CU 90%	CU 90%

The individual data can differ from the actual specs. Therefore please request the data sheet.



Finder

Connector combination **FireWire Cable**			Low Cost	Basic	Classic	Premium
FireWire 4-pin plug	⇔	4-pin plug	----	----	p. 92	----
FireWire 4-pin plug	⇔	6-pin plug	----	----	p. 92	----
FireWire 6-pin plug	⇔	6-pin plug	----	----	p. 92	----
FireWire 9-pin plug	⇔	9-pin plug	----	----	p. 93	----
FireWire 9-pin plug	⇔	6-pin plug	----	----	p. 93	----
FireWire 9-pin plug	⇔	4-pin plug	----	----	p. 93	----

Firewire Cables

FireWire 400 connection cable, 4pin/M - 4pin/M

A Save and Reliable Connection

Use this cable to connect your laptop, camcorder or other external FireWire devices to the FireWire port of your computer, for example.

- Connector 1: IEEE 1394B, 4-pin, plug
- Connector 2: IEEE 1394B, 4-pin, plug
- IEEE-Standard: 1394-2008
- UL certified: UL20276
- Hoods: molded
- Shielding: double shielding
- AWG: 28
- Wire material: CU
- Connector surface: nickel-plated
- Color cable: black
- Color connector: black



	Bulk	DIGITUS® Polybag	DIGITUS® Blister
AK-420100-018-S	1.8 m	On request	On request

FireWire 400 connection cable, 6pin/M - 6pin/M

A Save and Reliable Connection

Use this cable to connect your laptop, camcorder or other external FireWire devices to the FireWire port of your computer, for example.

- Connector 1: IEEE 1394A, 6-pin, plug
- Connector 2: IEEE 1394A, 6-pin, plug
- IEEE-Standard: 1394-2008
- UL certified: UL20276
- Hoods: molded
- Shielding: double shielding
- AWG: 22/28
- Wire material: CU
- Connector surface: nickel-plated
- Color cable: black
- Color connector: black



	Bulk	DIGITUS® Polybag	DIGITUS® Blister
AK-420101-018-S	1.8 m	On request	On request
AK-420101-030-S	3.0 m	On request	On request
AK-420101-045-S	4.5 m	On request	On request

FireWire 400 connection cable, 6pin/M - 4pin/M

A Save and Reliable Connection

Use this cable to connect your laptop, camcorder or other external FireWire devices to the FireWire port of your computer, for example.

- Connector 1: IEEE 1394A, 6-pin, plug
- Connector 2: IEEE 1394A, 4-pin, plug
- IEEE-Standard: 1394-2008
- UL certified: UL20276
- Hoods: molded
- Shielding: double shielding
- AWG: 28
- Wire material: CU
- Connector surface: nickel-plated
- Color cable: black
- Color connector: black



	Bulk	DIGITUS® Polybag	DIGITUS® Blister
AK-420102-018-S	1.8 m	On request	On request

FireWire 800 connection cable, 9pin/M - 9pin/M

A Save and Reliable Connection

Use this cable to connect your laptop, external Hard Disc or other external FireWire devices to the FireWire port of your computer, for example.

- Connector 1: IEEE 1394B, 9-pin, plug
- Connector 2: IEEE 1394B, 9-pin, plug
- IEEE-Standard: 1394-2008
- UL certified: UL20276
- Hoods: molded
- Shielding: double shielding
- AWG: 22/25
- Wire material: CU
- Connector surface: nickel-plated
- Color cable: black
- Color connector: black



	Bulk	DIGITUS® Polybag	DIGITUS® Blister
AK-420103-018-S	1.8 m	On request	On request

FireWire 800 connection cable, 9pin/M - 4pin/M

A Save and Reliable Connection

Use this cable to connect your laptop, MP3 player or other external FireWire devices to the FireWire port of your computer, for example.

- Connector 1: IEEE 1394B, 9-pin, plug
- Connector 2: IEEE 1394A, 4-pin, plug
- IEEE-Standard: 1394-2008
- UL certified: UL20276
- Hoods: molded
- Shielding: double shielding
- AWG: 26/28
- Wire material: CU
- Connector surface: nickel-plated
- Color cable: black
- Color connector: black



	Bulk	DIGITUS® Polybag	DIGITUS® Blister
AK-420104-018-S	1.8 m	On request	On request

FireWire 800 connection cable, 9pin/M - 6pin/M

A Save and Reliable Connection

Use this cable to connect your laptop, external Hard Disc or other external FireWire devices to the FireWire port of your computer, for example.

- Connector 1: IEEE 1394B, 9-pin, plug
- Connector 2: IEEE 1394A, 6-pin, plug
- IEEE-Standard: 1394-2008
- UL certified: UL20276
- Hoods: molded
- Shielding: double shielding
- AWG: 26/30
- Wire material: CU
- Connector surface: nickel-plated
- Color cable: black
- Color connector: black



	Bulk	DIGITUS® Polybag	DIGITUS® Blister
AK-420105-010-S	1.0 m	On request	On request
AK-420105-018-S	1.8 m	On request	On request
AK-420105-030-S	3.0 m	On request	On request

01.10 // SATA Cables and Adpaters

The following SATA cables are divided into two quality levels, which are briefly explained below. The lower-cost Basic versions are identical in construction to the Classic products. These however offer additional fixtures, thereby allowing permanent and robust connections, permanently preventing loose contacts. The use of Premium SATA cables with retaining fixtures is recommended for devices such as satellite receivers, desktop computers and media players, in order to ensure the highest level of transport safety on the way to the specialist dealer and subsequently the end-customer. This applies particularly to the return of high-quality devices caused by unreliable connections during transport to the end-customer.

Spec Overview

SATA

		Low Cost	Basic	Classic	Premium
Description	Category				
	Version	SATA 150/300/600	SATA 150/300/600	SATA 150/300/600	SATA 150/300/600
Features	UL-conform	No	Yes	Yes	Yes
	Housing	Variable	Molded	Molded	Molded
	Shielding	Unshielded	Unshielded	Unshielded	Unshielded
	Connector	Nickel plated	Nickel plated	Nickel plated	Nickel plated
Construction Details	AWG-Number	AWG24	AWG 26	AWG 26	AWG 26
	Conductor Material	CCS	CU	CU	CU
	Cover of contacts	Gold flash	Gold flash	Gold flash	Gold flash
	Drainwire	----	CU 1x0.33	CU 1x0.33	CU 1x0.33

eSATA

		Low Cost	Basic	Classic	Premium
Description	Category				
	Version	eSATA 150/300	eSATA 150/300	eSATA 150/300	eSATA 150/300
Features	UL-conform	No	Yes	Yes	Yes
	Housing	Variable	Molded	Molded	Molded
	Shielding	Shielded	Shielded	Double shielded	Double shielded
	Connector	Nickel plated	Nickel plated	Nickel plated	Nickel plated
Construction Details	AWG-Number	AWG 24	AWG 26	AWG 26	AWG 26
	Conductor Material	CCS	CU	CU	CU
	Cover of contacts	Gold flash	Gold flash	Gold flash	Gold flash
	Shielding	Foil	Foil + Braid	Foil, Spiral + Braid	Foil, Spiral + Braid
		Variable	Overall	Seperate	Seperate
	Foil Material	AL / Mylar	AL / Mylar	AL / Mylar	AL / Mylar
	Braid Material	----	CU 90%	CU 90%	CU 90%
	Spiral Material	----	----	CU / 66/0.08	CU / 66/0.08
	Drainwire	----	----	----	----

SATA Adapter

		Low Cost	Basic	Classic	Premium
Description	Category:				
	Version:	SATA 150/300	SATA 150/300	SATA 150/300	SATA 150/300
Features	UL-conform:	No	Yes	Yes	Yes
	Housing:	Molded	Molded	Molded	Molded
	Shielding	Unshielded	Unshielded	Unshielded	Unhielded
	Connector:	Nickel plated	Nickel plated	Nickel plated	Nickel plated
Construction Details	Cover of contacts:	Gold flash	Gold flash	Gold flash	Gold flash

The individual data can differ from the actual specs. Therefore please request the data sheet.

01.10 // SATA Cables and Adapters



Finder

Connector combination **SATA Cable**			Low Cost	Basic	Classic	Premium
SATA L-type jack	⇔	L-type jack	----	S. 96	S. 96	----
SATA L-type jack	⇔	L-type plug	----	----	----	----
SATA 22-pin jack	⇔	L-type jack + Molex 4-pin	----	----	S. 98	----
SATA 13-pin jack	⇔	L-type jack + Molex 4-pin	----	----	S. 99	----
eSATA I-type plug	⇔	I-type plug	----	----	S. 99	S. 99
eSATA I-type plug	⇔	SATA L-type jack	----	----	S. 99	----
SATA 22-pin jack	⇔	SATA 22-pin plug	----	----	----	----

Connector combination **SATA Adapter**			Low Cost	Basic	Classic	Premium
Micro SATA 16-pin jack	⇔	SATA 22-pin plug	----	----	S. 101	----
Slimline SATA 13-pin jack	⇔	SATA 22-pin plug	----	----	S. 101	----

SATA Cables

SATA connection cable, SATA 7pin, L-type/F - SATA 7pin, L-type/F

Less thermic jam in the PC

This internal data cable used to connect Serial-ATA Hard Drives as well as CD-/DVD/Blue-Ray Recorder to the Mainboard, for example. It's also downward compatible to SATA rev. II/I

- Connector 1: SATA (7pin) connector, L-type
- Connector 2: SATA (7pin) connector, L-type
- Version: SATA Revision 3
- Style: Flat cable
- UL certified: UL21149
- Data rate: 6 Gbit/s
- Interlock: none
- Hoods: molded
- Shielding: Unshielded
- AWG: 26
- Wire material: CU
- Color cable: red
- Color connector: black



	Bulk	DIGITUS® Polybag	DIGITUS® Blister
AK-400100-003-R	0,3 m	On request	On request
AK-400100-005-R	0,5 m	On request	On request
AK-400100-008-R	0,75 m	On request	On request
AK-400100-010-R	1,0 m	On request	On request

SATA connection cable, SATA 7pin, L-type/F - SATA 7pin, L-type/F

Low space consumption and lower weight

This internal data cable used to connect Serial-ATA Hard Drives as well as CD-/DVD/Blue-Ray Recorder to the Mainboard, for example. It's also downward compatible to SATA rev. II/I

- Connector 1: SATA (7pin) connector, L-type
- Connector 2: SATA (7pin) connector, L-type
- Version: SATA Revision 3
- Style: Flat cable
- UL certified: UL21149
- Data rate: 6 Gbit/s
- Interlock: none
- Hoods: molded
- Shielding: Unshielded
- AWG: 26
- Wire material: CU
- Color cable: red
- Color connector: black



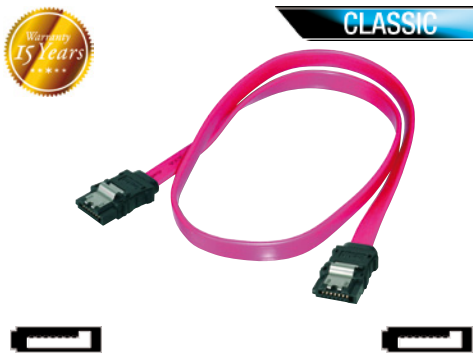
	Bulk	DIGITUS® Polybag	DIGITUS® Blister
AK-400101-003-R	0,3 m	On request	On request
AK-400101-008-R	0,75 m	On request	On request

SATA connection cable, SATA 7pin, L-type/F - SATA 7pin, L-type/F

With latch for a secure connection

This internal data cable used to connect Serial-ATA Hard Drives as well as CD-/DVD/Blue-Ray Recorder to the Mainboard, for example. It's also downward compatible to SATA rev. II/I

- Connector 1: SATA (7pin) connector, L-type
- Connector 2: SATA (7pin) connector, L-type
- Version: SATA Revision 3
- Style: Flat cable
- UL certified: UL21149
- Interlock: none
- Data rate: 6 Gbit/s
- Hoods: molded
- Shielding: Unshielded
- AWG: 26
- Wire material: CU
- Color cable: red
- Color connector: black



	Bulk	DIGITUS® Polybag	DIGITUS® Blister
AK-400102-003-R	0,3 m	On request	On request
AK-400102-005-R	0,5 m	On request	On request
AK-400102-008-R	0,75 m	On request	On request
AK-400102-010-R	1,0 m	On request	On request

SATA connection cable, SATA 7pin, L-type/F - SATA 7pin, L-type/F

A secure connection with low space consumption

This internal data cable used to connect Serial-ATA Hard Drives as well as CD-/DVD/Blue-Ray Recorder to the Mainboard, for example. It's also downward compatible to SATA rev. II/I

- Connector 1: SATA (7pin) connector, L-type
- Connector 2: SATA (7pin) connector, L-type
- Version: SATA Revision 3
- Style: Flat cable
- UL certified: UL21149
- Interlock: Metal latch
- Data rate: 6 Gbit/s
- Hoods: molded
- Shielding: Unshielded
- AWG: 26
- Wire material: CU
- Color cable: red
- Color connector: black



	Bulk	DIGITUS® Polybag	DIGITUS® Blister
AK-400103-003-R	0,3 m	On request	On request
AK-400103-005-R	0,5 m	On request	On request
AK-400103-008-R	0,75 m	On request	On request

SATA connection cable, SATA 7pin, L-type, 90°/F - SATA 7pin, L-type/F

Less thermic jam in the PC

This internal data cable used to connect Serial-ATA Hard Drives as well as CD-/DVD/Blue-Ray Recorder to the Mainboard, for example. Because of the 90 ° left angled connector, the cable runs upward from the horizontally built-in hard drive. It's also downward compatible to SATA rev. II/I

- Connector 1: SATA (7pin) connector, 90° angled, L-type
- Connector 2: SATA (7pin) connector, L-type
- Version: SATA Revision 3
- Style: Flat cable
- UL certified: UL21149
- Data rate: 6 Gbit/s
- Interlock: none
- Hoods: molded
- Shielding: Unshielded
- AWG: 26
- Wire material: CU
- Color cable: red
- Color connector: black



	Bulk	DIGITUS® Polybag	DIGITUS® Blister
AK-400104-003-R	0,3 m	On request	On request
AK-400104-005-R	0,5 m	On request	On request
AK-400104-008-R	0,75 m	On request	On request

SATA connection cable, SATA 7pin, L-type, 90°/F - SATA 7pin, L-type/F

With latch for a secure connection

This internal data cable used to connect Serial-ATA Hard Drives as well as CD-/DVD/Blue-Ray Recorder to the Mainboard, for example. Because of the 90 ° left angled connector, the cable runs upward from the horizontally built-in hard drive. It's also downward compatible to SATA rev. II/I

- Connector 1: SATA (7pin) connector, 90° angled, L-type
- Connector 2: SATA (7pin) connector, L-type
- Version: SATA Revision 3
- Style: Flat cable
- UL certified: UL21149
- Data rate: 6 Gbit/s
- Interlock: Metal latch
- Hoods: molded
- Shielding: Unshielded
- AWG: 26
- Wire material: CU
- Color cable: red
- Color connector: black



	Bulk	DIGITUS® Polybag	DIGITUS® Blister
AK-400105-003-R	0,3 m	On request	On request
AK-400105-005-R	0,5 m	On request	On request
AK-400105-008-R	0,75 m	On request	On request

SATA Cables

SATA connection cable, SATA 7pin, L-type, 270°/F - SATA 7pin, L-type/F

Less thermic jam in the PC

This internal data cable used to connect Serial-ATA Hard Drives as well as CD-/DVD/Blue-Ray Recorder to the Mainboard, for example. Because of the 270 ° right angled connector, the cable runs downward from the horizontally built-in hard drive. It's also downward compatible to SATA rev. II/I

- Connector 1: SATA (7pin) connector, 270° angled, L-type
- Connector 2: SATA (7pin) connector, L-type
- Version: SATA Revision 3
- Style: Flat cable
- UL certified: UL21149
- Data rate: 6 Gbit/s
- Interlock: none
- Hoods: molded
- Shielding: Unshielded
- AWG: 26
- Wire material: CU
- Color cable: red
- Color connector: black



	Bulk	DIGITUS® Polybag	DIGITUS® Blister
AK-400106-003-R	0,3 m	On request	On request
AK-400106-005-R	0,5 m	On request	On request

SATA connection cable, SATA 7pin, L-type, 270°/F - SATA 7pin, L-type/F

With latch for a secure connection

This internal data cable used to connect Serial-ATA Hard Drives as well as CD-/DVD/Blue-Ray Recorder to the Mainboard, for example. Because of the 270 ° right angled connector, the cable runs downward from the horizontally built-in hard drive. It's also downward compatible to SATA rev. II/I

- Connector 1: SATA (7pin) connector, 270° angled, L-type
- Connector 2: SATA (7pin) connector, L-type
- Version: SATA Revision 3
- Style: Flat cable
- UL certified: UL21149
- Data rate: 6 Gbit/s
- Interlock: Metal latch
- Hoods: molded
- Shielding: Unshielded
- AWG: 26
- Wire material: CU
- Color cable: red
- Color connector: black



	Bulk	DIGITUS® Polybag	DIGITUS® Blister
AK-400107-003-R	0,3 m	On request	On request
AK-400107-005-R	0,5 m	On request	On request

SATA connection cable, SATA 22pin/M - SATA 7pin, L-type/F + 4pin power/F

No additional power supply cable necessarry

This internal data and power cable is suited to the concurrent connection of Serial-ATA devices as for example hard disks, CD and DVD and Blu ray recorder/disk drives, to the Motherboard and to the PC-power supply.

- Connector 1: SATA (22pin) connector
- Connector 2: SATA22pin - L-type + 4pin power
- Version: SATA Revision 3
- Style: Flat cable
- UL certified: UL21149
- Interlock: none
- Data rate: 6 Gbit/s
- Hoods: molded
- Shielding: Unshielded
- AWG: 26
- Wire material: CU
- Color cable: red
- Color connector: black



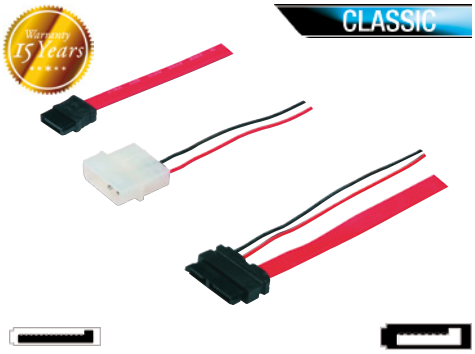
	Bulk	DIGITUS® Polybag	DIGITUS® Blister
AK-400112-005-R	0,5 m	On request	On request
AK-400112-008-R	0,75 m	On request	On request
AK-400112-010-R	1,0 m	On request	On request

SATA connection cable, SATA 13pin/M - SATA 7pin, L-type/F + 4pin power/F

No additional power supply cable necessarry

This internal data and power cable is suited, for example, for the application in HTPCs (Home theatre PC) and connects the SATA slot of the Mainboard with the built-in Slim-Line disk drives. The disk drives can be connected with a standard SATA connector and be pursued therefore also with every Mainboard.

- Connector 1: SATA (13pin) connector
- Connector 2: SATA22pin - L-type + 4pin power
- Version: SATA Revision 3
- Style: Flat cable
- UL certified: UL21149
- Data rate: 6 Gbit/s
- Interlock: none
- Hoods: molded
- Shielding: Unshielded
- AWG: 26
- Wire material: CU
- Color cable: red
- Color connector: black



Bulk		DIGITUS® Polybag	DIGITUS® Blister
AK-400114-005-R	0,5 m	On request	On request

SATA connection cable, eSATA 7pin, I-type/F - eSATA 7pin, I-type/F

Sure data transfer because of shielding

This data cable used to connect external Serial-ATA devices to the eSATA interface of a Computer/Notebook, for example. It's also downward compatible to SATA rev. II/I

- Connector 1: eSATA connector, I-type
- Connector 2: eSATA connector, I-type
- Version: SATA Revision 3
- Style: Round cable
- UL certified: UL2725
- Data rate: 6 Gbit/s
- Interlock: none
- Hoods: molded
- Shielding: double shielding
- AWG: 26
- Wire material: CU
- Color cable: black
- Color connector: black



Bulk		DIGITUS® Polybag	DIGITUS® Blister
AK-400115-008-S	0,75 m	On request	On request
AK-400115-010-S	1.0 m	On request	On request
AK-400115-015-S	1,5 m	On request	On request

SATA connection cable, eSATA 7pin, I-type/F - eSATA 7pin, I-type/F

Sure data transfer because of shielding

This data cable used to connect external Serial-ATA devices to the eSATA interface of a Computer/Notebook, for example. It's also downward compatible to SATA rev. II/I

- Connector 1: eSATA connector, I-type
- Connector 2: eSATA connector, I-type
- Version: SATA Revision 3
- Style: Round cable
- UL certified: UL2725
- Data rate: 6 Gbit/s
- Interlock: none
- Hoods: molded
- Shielding: double shielding
- AWG: 26
- Wire material: CU
- Color cable: black
- Color connector: black/grey



Bulk	DIGITUS® Polybag		DIGITUS® Blister	
-	**DK-400119-008-D**	0,75 m	**DB-400119-008-D**	0,75 m
-	**DK-400119-010-D**	1,0 m		On request
-	**DK-400119-015-D**	1,5 m	**DB-400119-015-D**	1,5 m

SATA Cables

SATA connection cable, eSATA 7pin, I-type/F - SATA 7pin, L-type/F

Sure data transfer because of shielding

This data cable used to connect external Serial-ATA devices to the eSATA interface of a Computer/Notebook, for example - or vice versa. It's also downward compatible to SATA rev. II/I

- Connector 1: eSATA connector, I-type
- Connector 2: SATA (7pin) connector, L-type
- Version: SATA Revision 3
- Style: Round cable
- UL certified: UL2725
- Data rate: 6 Gbit/s
- Interlock: none
- Hoods: molded
- Shielding: double shielding
- AWG: 26
- Wire material: CU
- Color cable: black
- Color connector: black



	Bulk	DIGITUS® Polybag	DIGITUS® Blister
AK-400116-010-S	1,0 m	On request	On request
AK-400116-015-S	1,5 m	On request	On request

SATA Slot Bracket cable, 2x SATA 7pin, L-type/F - 2x SATA 7pin, L-type/M

Save and Reliable Connection

This SATA slot bracket cable, to the installation in a standard PC case slot, enables to lead two internal SATA ports of the controller outwardly.

- Connector 1: SATA (7pin) connector, L-type
- Connector 2: SATA (7pin) connector, L-type
- Version: SATA Revision 2
- Style: Flat cable
- UL certified: UL21149
- Data rate: 6 Gbit/s
- Hoods: molded
- Shielding: Unshielded
- AWG: 26
- Wire material: CU
- Color cable: red
- Color connector: black



	Bulk	DIGITUS® Polybag	DIGITUS® Blister
AK-400203-005-R	0,5 m	On request	On request

SATA Slot Bracket cable, SATA 7pin, L-type/F - eSATA 7pin, I-type/M

Additional interfaces for supplement

This SATA slotbracket cable, to the installation in a standard PC case slot, enables to lead outwardly two internal SATA ports of the internal controller to connect external eSATA devices.

- Connector 1: eSATA connector, I-type
- Connector 2: SATA (7pin) connector, L-type
- Version: SATA Revision 3
- Style: Round cable
- UL certified: UL2725
- Interlock: none
- Data rate: 6 Gbit/s
- Hoods: molded
- Shielding: double shielding
- AWG: 26
- Wire material: CU
- Color cable: red
- Color connector: black



	Bulk	DIGITUS® Polybag	DIGITUS® Blister
AK-400204-005-R	0,5 m	On request	On request

SATA Slot Bracket cable, 2x SATA 7pin, L-type/F - 2x eSATA 7pin, I-type/M

Additional interfaces for supplement

This SATA slotbracket cable, to the installation in a standard PC case slot, enables to lead outwardly an internal SATA port of the internal controller to connect external eSATA devices.

- Connector 1: eSATA connector, I-type
- Connector 2: SATA (7pin) connector, L-type
- Version: SATA Revision 3
- Style: Round cable
- UL certified: UL2725
- Data rate: 6 Gbit/s
- Interlock: none
- Hoods: molded
- Shielding: double shielding
- AWG: 26
- Wire material: CU
- Color cable: red
- Color connector: black



Bulk		DIGITUS® Polybag	DIGITUS® Blister
AK-400205-005-R	0,5 m	On request	On request

SATA adapter, Micro, SATA16pin/F - SATA22pin/M

Useful in case of low space

This adapter used for connection of 1.8“ hard disk with SATA 16pin Micro connection directly about the standard SATA 22pin interface of a Mainboards or controllers map.

- Connector 1: SATA (16pin) connector
- Connector 2: SATA (22pin) connector
- Interlock: none
- Data rate: 6 Gbit/s
- Color connector: black



Bulk	DIGITUS® Polybag	DIGITUS® Blister
AK-400500-000-S	On request	On request

SATA adapter, Slimline, SATA13pin/F - SATA22pin/M

Sure data transfer because of shielding

This adapter allows, for example, the connection of a DVD/CD disk drive with SATA 13pin, Slim Line interface over a standard SATA 22pin port.

- Connector 1: SATA (13pin) connector
- Connector 2: SATA (22pin) connector
- Interlock: none
- Data rate: 6 Gbit/s
- Hoods: molded
- Color connector: black



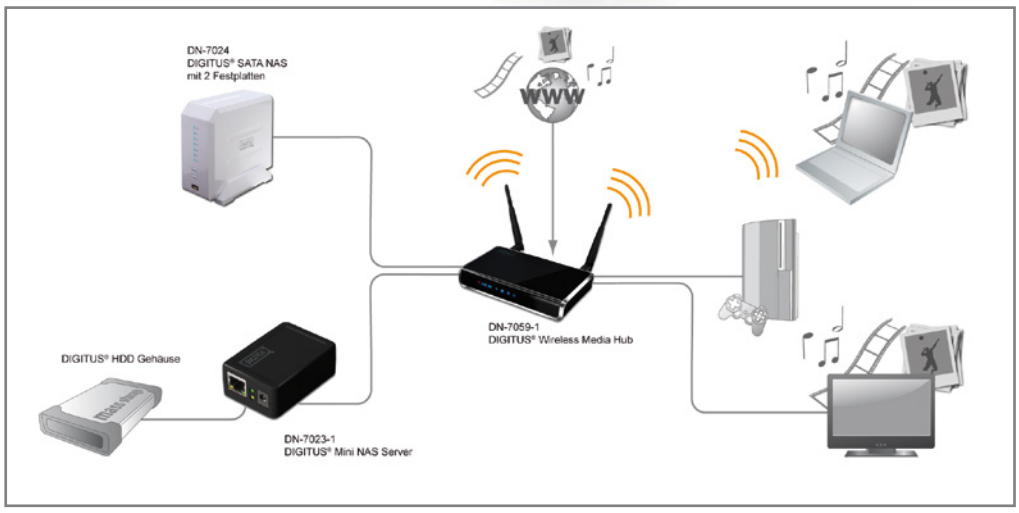
Bulk	DIGITUS® Polybag	DIGITUS® Blister
AK-400501-000-S	On request	On request

View in the living room, playback in the basement.

The DIGITUS® Mini NAS Server turns an external hard disk into a full network server. Multimedia data can therefore be run and played back from anywhere in the network. The Mini NAS DN-7023-1 enables the playback of videos on almost all end-devices with network access.



DN-7023-1





Finder

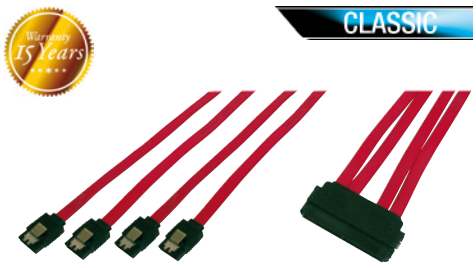
Connector combination **SAS Cable**			Low Cost	Basic	Classic	Premium
SAS 32-pin plug (SF-8484)	⇔	4x SATA L-type connector	----	----	p. 104	----
Mini SAS 36-pin plug (SF-8087)	⇔	4x SATA L-type connector	----	----	p. 105	----
Mini SAS 36-pin plug (SF-8087)	⇔	Mini SAS 36-pin plug (SF-8087)	----	----	p. 104	----
Mini SAS 36-pin plug (SF-8087)	⇔	SAS 32-pin plug (SF-8484)	----	----	p. 104	----
Mini SAS 36-pin plug (SF-8087)	⇔	4x SAS 29-pin plug (SF-8482) + 4x power	----	----	p. 105	----
Mini SAS 26-pin plug (SF-8088)	⇔	Mini SAS 26-pin plug (SF-8088)	----	----	p. 104	----
SAS Infiniband plug (SF-8470)	⇔	Mini SAS 26-pin plug (SF-8088)	----	----	p. 106	----

SAS Cables

SAS - SATA connection cable

This cable connects four Serial ATA devices to a SAS (Serial Attached SCSI) controller.

- SAS 32-pin plug (SFF-8484) - 4x SATA 7-pin plug
- SATA plugs with metal latch
- Color: red



Bulk		DIGITUS® Polybag	DIGITUS® Blister
AK-SAS-01	0.50 m	On request	On request

SAS connection cable

The fast and reliable cable for high-performance applications

This internal cable connects SAS (Serial Attached SCSI) devices.

- Mini SAS 36-pin plug (SFF-8087) - Mini SAS 36-pin plug (SFF-8087)
- Molded housings
- SFF-8087 plugs with metal latch
- Color: red with meshwork sleeve



Bulk	DIGITUS® Polybag		DIGITUS® Blister
On request	**DK-127008**	0.50 m	On request

SAS connection cable

The fast and reliable cable for high-performance applications

This internal cable connects SAS (Serial Attached SCSI) devices.

- Mini SAS 36-pin plug (SFF-8087) - SAS 32-pin plug (SFF-8484)
- Molded housings
- SFF-8087 plug with metal latch
- Color: red with meshwork sleeve



Bulk	DIGITUS® Polybag		DIGITUS® Blister
On request	**DK-127009**	0.50 m	On request

SAS - SATA connection cable

The fast and reliable cable for high-performance applications

This internal cable connects four Serial ATA devices to a SAS (Serial Attached SCSI) device.

- Mini SAS 36-pin plug (SFF-8087) - 4x SATA 7-pin plug
- Molded housings
- SFF-8087 plug with metal latch
- Color: red



Bulk	DIGITUS® Polybag		DIGITUS® Blister
On request	**DK-127010**	0.50 m	On request

SAS - SATA connection cable

The fast and reliable cable for high-performance applications

This internal cable connects four Serial ATA devices to a SAS (Serial Attached SCSI) device.

- Mini SAS 36-pin plug (SFF-8087) - 4x SATA 7-pin plug
- Molded housings
- All plugs with metal latch
- Color: transparent/blue with meshwork sleeve



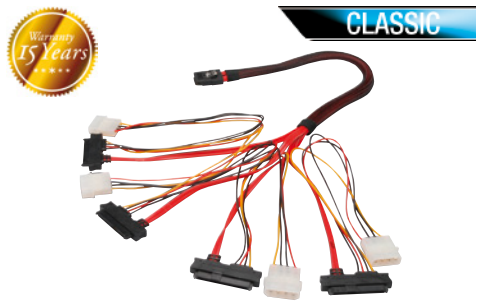
Bulk	DIGITUS® Polybag		DIGITUS® Blister
On request	**DK-127011**	0.50 m	On request

SAS connection cable

The fast and reliable cable for high-performance applications

This internal cable connects SAS (Serial Attached SCSI) devices.

- Mini SAS 36-pin plug (SFF-8087) - 4x SAS 29-pin plug (SFF-8482) + 4x 5.25“ power plug
- Molded housings
- SFF-8087 plug with metal latch
- Color: black



Bulk	DIGITUS® Polybag		DIGITUS® Blister
On request	**DK-127012**	0.50 m	On request

SAS Cables

SAS connection cable

The fast and reliable cable for high-performance applications

This external cable connects SAS (Serial Attached SCSI) devices.

- Mini SAS 26-pin plug (SFF-8088) - Mini SAS 26-pin plug (SFF-8088)
- Metal housings
- Color: black



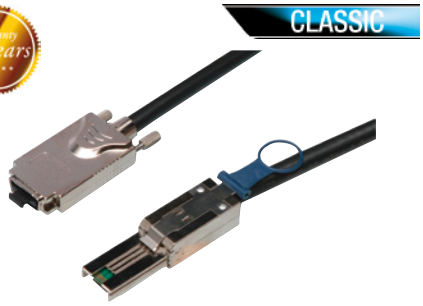
Bulk	DIGITUS® Polybag		DIGITUS® Blister
On request	**DK-127014**	1.00 m	On request

SAS connection cable

The fast and reliable cable for high-performance applications

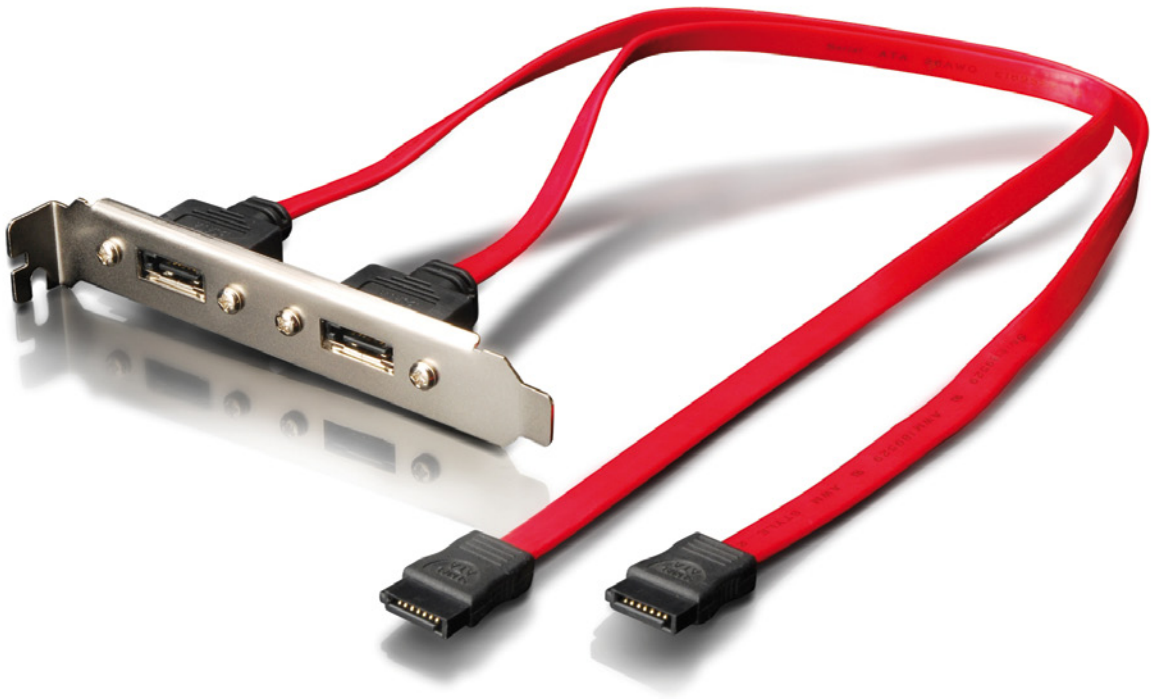
This external cable connects SAS (Serial Attached SCSI) devices.

- SAS Infiniband plug (SFF-8470) - Mini SAS 26-pin plug (SFF-8088)
- Metal housings
- Color: black



Bulk	DIGITUS® Polybag		DIGITUS® Blister
On request	**DK-127015**	1.00 m	On request

01.12 // Slot Bracket Cables



Finder

Connector combination **Slot bracket Cable**			Low Cost	Basic	Classic	Premium
IDC 2x 4-pin motherboard connector	⇔	2x USB type A, jack	----	----	p. 108	----
IDC 2x 5-pin motherboard connector	⇔	2x USB type A, jack	----	----	p. 108	----
IDC 2x 10-pin motherboard connector	⇔	2x USB type A, jack	----	----	p. 108	----
SATA 2x L-type connector	⇔	SATA 2x L-type connector	----	----	p. 109	----
eSATA I-type connector	⇔	SATA L-type connector	----	----	p. 109	----
eSATA 2x I-type connector	⇔	SATA 2x L-type connector	----	----	p. 109	----
Socket connector 26-pin	⇔	DSUB 25-pin, jack	----	----	p. 110	----
Socket connector 10-pin	⇔	Mini DIN 6-pin, jack	----	----	p. 110	----

Slot Bracket Cables

USB Slot Bracket cable, 2x USB Port, A/M - 2x 5pin IDC

The dense screening allows a reliable and fast connection of external USB devices with the PC, also about longer distances.

To establish a connection between the USB Motherboard interface and the external USB ports on the slot bracket. Datatransferrate up to 480 Mbps (High-Speed).

- Connector 1: 2 x USB A, jack
- Connector 2: 2 x IDC (5-pin), connector
- USB compliance: USB 2.0
- UL certified: UL2725
- Hoods: molded
- Shielding: double shielding
- AWG: 28
- Wire material: CU
- Connector surface: nickel-plated
- Ferrite filter: none
- Color cable: beige
- Color connector: beige



	Bulk	DIGITUS® Polybag	DIGITUS® Blister
AK-300301-002-E	0,25 m	On request	On request

USB Slot Bracket cable, 2x USB Port, A/M - 2x 4pin IDC

The dense screening allows a reliable and fast connection of external USB devices with the PC, also about longer distances.

To establish a connection between the USB Motherboard interface and the external USB ports on the slot bracket. Datatransferrate up to 480 Mbps (High-Speed).

- Connector 1: 2 x USB A, jack
- Connector 2: 2 x IDC (4-pin), connector
- USB compliance: USB 2.0
- UL certified: UL2725
- Hoods: molded
- Shielding: double shielding
- AWG: 28
- Wire material: CU
- Connector surface: nickel-plated
- Ferrite filter: none
- Color cable: beige
- Color connector: beige



	Bulk	DIGITUS® Polybag	DIGITUS® Blister
AK-300302-002-E	0,25 m	On request	On request

USB Slot Bracket cable, 2x USB Port, A/M - 2x 10pin IDC

The dense screening allows a reliable and fast connection of external USB devices with the PC, also about longer distances.

To establish a connection between the USB Motherboard interface and the external USB ports on the slot bracket. Datatransferrate up to 480 Mbps (High-Speed).

- Connector 1: 2 x USB A, jack
- Connector 2: 2 x IDC (10-pin), connector
- USB compliance: USB 2.0
- UL certified: UL2725
- Hoods: molded
- Shielding: double shielding
- AWG: 28
- Wire material: CU
- Connector surface: nickel-plated
- Ferrite filter: none
- Color cable: beige
- Color connector: beige



Abb. ähnlich.

	Bulk	DIGITUS® Polybag	DIGITUS® Blister
AK-300304-002-E	0,25 m	On request	On request

SATA Slot Bracket cable, 2x SATA 7pin, L-type/M - 2x SATA 7pin, L-type/F

Save and Reliable Connection

This SATA slot bracket cable, to the installation in a standard PC case slot, enables to lead two internal SATA ports of the controller outwardly.

- Connector 1: SATA (7pin) connector, L-type
- Connector 2: SATA (7pin) connector, L-type
- Version: SATA Revision 2
- Style: Flat cable
- UL certified: UL21149
- Data rate: 6 Gbit/s
- Hoods: molded
- Shielding: Unshielded
- AWG: 26
- Wire material: CU
- Color cable: red
- Color connector: black



	Bulk	DIGITUS® Polybag	DIGITUS® Blister
AK-400203-005-R	0,5 m	On request	On request

SATA Slot Bracket cable, SATA 7pin, L-type/F - eSATA 7pin, I-type/M

Additional interfaces for supplement

This SATA slotbracket cable, to the installation in a standard PC case slot, enables to lead outwardly two internal SATA ports of the internal controller to connect external eSATA devices.

- Connector 1: eSATA connector, I-type
- Connector 2: SATA (7pin) connector, L-type
- Version: SATA Revision 3
- Style: Round cable
- UL certified: UL2725
- Interlock: none
- Data rate: 6 Gbit/s
- Hoods: molded
- Shielding: double shielding
- AWG: 26
- Wire material: CU
- Color cable: red
- Color connector: black



	Bulk	DIGITUS® Polybag	DIGITUS® Blister
AK-400204-005-R	0,5 m	On request	On request

SATA Slot Bracket cable, 2x SATA 7pin, L-type/F - 2x eSATA 7pin, I-type/M

Additional interfaces for supplement

This SATA slotbracket cable, to the installation in a standard PC case slot, enables to lead outwardly an internal SATA port of the internal controller to connect external eSATA devices.

- Connector 1: eSATA connector, I-type
- Connector 2: SATA (7pin) connector, L-type
- Version: SATA Revision 3
- Style: Round cable
- UL certified: UL2725
- Data rate: 6 Gbit/s
- Interlock: none
- Hoods: molded
- Shielding: double shielding
- AWG: 26
- Wire material: CU
- Color cable: red
- Color connector: black



	Bulk	DIGITUS® Polybag	DIGITUS® Blister
AK-400205-005-R	0,5 m	On request	On request

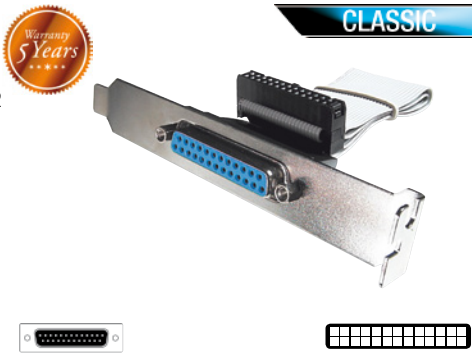
Slot Bracket Cables

Printer Slot Bracket cable, D-Sub25/M to IDC26/F

Save and Reliable Connection

This cable makes it easy to use the parallel port on the motherboard externally.

- Connector 1: DSUB, 25-pin, jack
- Connector 2: Socket Connector, 26-pin
- Assignment: 1-1, 14-2, 2-3, 15-4, 3-5, 16-6, 4-7, 17-8, 5-9, 18-10, 6-11, 19- 12 , 7-13, 20-14, 8-15, 21-16, 9-17, 22-18, 10- 19, 23-20, 11-21, 24-22, 12-23, 25-24, 13-25
- UL certified: non UL
- Hoods: plastic
- Shielding: Unshielded
- AWG: 28
- Wire material: CU
- Connector surface: nickel-plated
- Color cable: beige
- Color connector: black



	Bulk	DIGITUS® Polybag	DIGITUS® Blister
AK-580300-003-E	0.25m	On request	On request

PS/2 Slot Bracket cable, miniDIN6/F - Socket Connector 10pin

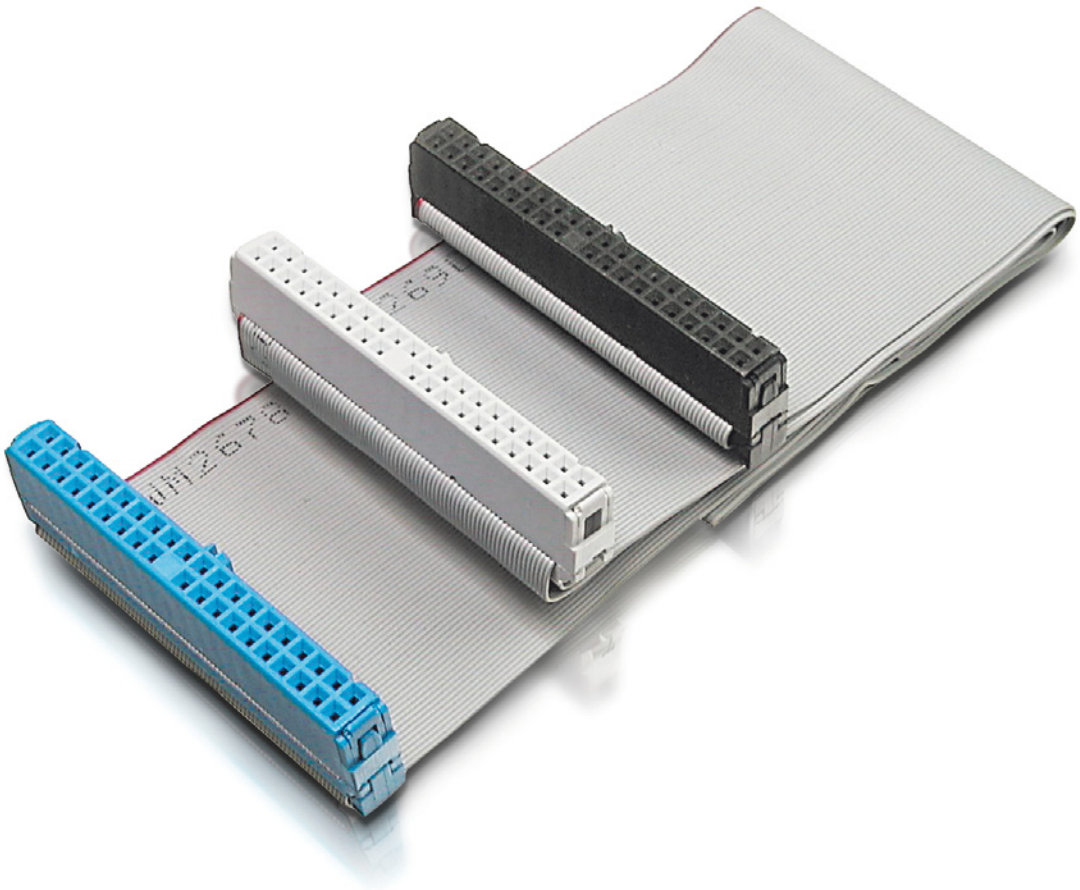
A Save and Reliable Connection

This cable makes it easy to use the PS/2 port on the motherboard externally.

- Connector 1: MiniDIN, 6-pin, jack
- Connector 2: Socket Connector, 10-pin
- UL certified: non UL
- Hoods: plastic
- Shielding: Unshielded
- AWG: 28
- Wire material: CU
- Connector surface: nickel-plated
- Color cable: beige
- Color connector: black



	Bulk	DIGITUS® Polybag	DIGITUS® Blister
AK-590301-003-E	0.25m	On request	On request



Finder

Connector combination **IDE Cable**			Low Cost	Basic	Classic	Premium
IDC 40-pin connector	⇔	2x IDC 40-pin connector	----	----	p. 112	----
Socket connector 34-pin	⇔	2x Socket connector 34-pin	----	----	p. 112	----
Socket connector 40-pin	⇔	2x Socket connector 40-pin	----	----	p. 112	----

IDE Flat and Round Cables

ATA 133 Hard Drive connection cable, round cable design

- 80-wire cable, Twisted Pair, AWG30 (TPE), UL 20297
- Boots in black, sheath transparent, material PVC, foil and braid shieldings
- 40-pin IDC in various colors (blue = controller, black = master, gray = slave)
- Separate earth wire with terminal
- IDC connector with pulling support



	Bulk	DIGITUS® Polybag	DIGITUS® Blister	
AK-ATA133-1ROUND	0.45 m	On request		On request
AK-ATA133-2ROUND	0.60 m	On request	**DB-106241**	0.6 m

Ultra ATA Hard Drive connection cable 100 Mbps

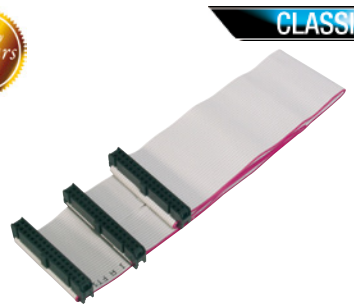
- Suitable for Ultra DMA, Ultra DMA 2, and Ultra ATA hard drives; up to 100Mbps
- 80-wire ribbon cable, AWG30, 0.635mm pitch, UL2678
- Three differently colored 40-pin socket connectors (blue= controller, black= master, gray= slave)



	Bulk	DIGITUS® Polybag	DIGITUS® Blister	
AK-ATA-100	0.46 m	On request	**DB-079163**	0.46 m
AK-ATA-100/1	0.60 m	On request	**DB-079156**	0.60 m

Floppy connection cable for 2 x FDD

- 3 x 34-pin, socket connector (3.5“)
- 34-wire ribbon cable, AWG28
- 2.54mm pitch, UL2651



	Bulk	DIGITUS® Polybag	DIGITUS® Blister	
AK 3620-050	0.50 m	On request	**DB-078043**	0.50 m
AK 3620 0,75M	0.75 m	On request	**DB-063438**	0.75 m

01.14 // Printer Cables



In this chapter, we show you our selection of printer cables and explain the differences between the quality levels as follows: The cables equipped with the lower-cost snap-covers of the basic variants are easier to open for handymen, although the Classic cables stand out for their significantly more robust and strong design of the moulded covers.

Spec Overview

		Low Cost	Basic	Classic	Premium
Description	Category				
	Version	Printer cable	Printer cable	Printer cable	Printer cable
Features	UL-conform	No	No	No	No
	Housing	Molded	Snap hood	Molded	Molded
	Shielding	Foil	Shielded	Shielded	Shielded
	Connector	Nickel plated	Nickel plated	Nickel plated	Nickel plated
	Ferrit core	----	----	----	----
Construction details	Twisted Pairs	No	No	Yes	Yes
	AWG-Number	AWG 28	AWG 28	AWG 28	AWG 28
	Conductor Material	CCS	CU	CU	CU
	Covered contacts	Gold flash	Gold flash	Gold flash	Gold flash
	Shielding	Foil + Braid	Foil	Foil	Foil
		Overall	Overall	Overall	Overall
	Foil Material	AL / Mylar	AL / Mylar	AL / Mylar	AL / Mylar
	Drainwire	----	----	----	----

Finder

Connector combination **Printer Cable**			Low Cost	Basic	Classic	Premium
D-Sub25 plug	⇔	CENTRONIX 36 plug	----	S. 114	S. 114	----
D-Sub25 plug	⇔	Mini CENTRONIX 36 plug	----	----	S. 115	----
D-Sub25 plug	⇔	D-Sub9 jack	----	S. 115	----	----
D-Sub25 jack	⇔	IDC (Motherboard)	----	----	S. 115	----

The individual data can differ from the actual specs. Therefore please request the data sheet.

Printer Cables

Printer connection cable, D-Sub25/M - Cent36/M

Save and Reliable Connection

This cable provides a perfect link between your computer and parallel printers.

- Connector 1: DSUB, 25-pin, plug
- Connector 2: CENTRONICS, 36-pin, plug
- UL certified: non UL
- Hoods: snap hood
- Shielding: single shielding
- AWG: 28
- Wire material: CU
- Connector surface: nickel-plated
- Color cable: beige
- Color connector: beige



	Bulk	DIGITUS® Polybag	DIGITUS® Blister
AK-580100-018-E	1,8 m	On request	On request
AK-580100-030-E	3,0 m	On request	On request
AK-580100-050-E	5,0 m	On request	On request

Printer connection cable, D-Sub25/M - Cent36/M

Save and Reliable Connection

This cable provides a perfect link between your computer and parallel printers.

- Connector 1: DSUB, 25-pin, plug
- Connector 2: CENTRONICS, 36-pin, plug
- UL certified: non UL
- Hoods: molded
- Shielding: single shielding
- AWG: 28
- Wire material: CU
- Connector surface: nickel-plated
- Color cable: beige
- Color connector: beige



	Bulk	DIGITUS® Polybag	DIGITUS® Blister
AK-580101-018-E	1,8 m	On request	On request
AK-580101-030-E	3,0 m	On request	On request
AK-580101-050-E	5,0 m	On request	On request
AK-580101-100-E	10,0 m	On request	On request

Printer connection cable, D-Sub25/M - Cent36/M

Bi-Directional Connection

This cable provides a perfect link between your computer and parallel printers.

- Connector 1: DSUB, 25-pin, plug
- Connector 2: CENTRONICS, 36-pin, plug
- UL certified: UL20276
- Hoods: molded
- Shielding: double shielding
- AWG: 28
- Wire material: CU
- Connector surface: nickel-plated
- Color cable: beige
- Color connector: beige



	Bulk	DIGITUS® Polybag	DIGITUS® Blister
AK-580102-018-E	1,8 m	On request	On request

Printer connection cable, D-Sub25/M - mini Cent36/M

Bi-Directional Connection

This cable provides a perfect link between your computer and parallel printers.

- Connector 1: DSUB, 25-pin, plug
- Connector 2: Mini CENTRONICS, 36-pin, plug
- UL certified: UL20276
- Hoods: molded
- Shielding: double shielding
- AWG: 28
- Wire material: CU
- Connector surface: nickel-plated
- Color cable: beige
- Color connector: beige



	Bulk	DIGITUS® Polybag	DIGITUS® Blister
AK-580103-018-E	1,8 m	On request	On request

Printer connection cable, D-Sub25/M - D-Sub9/M

Save and Reliable Connection

This cable provides a perfect link between your computer and serial printers.

- Connector 1: DSUB, 25-pin, plug
- Connector 2: DSUB, 9-pin, jack
- UL certified: non UL
- Hoods: snap hood
- Shielding: double shielding
- AWG: 28
- Wire material: CU
- Connector surface: nickel-plated
- Color cable: beige
- Color connector: beige



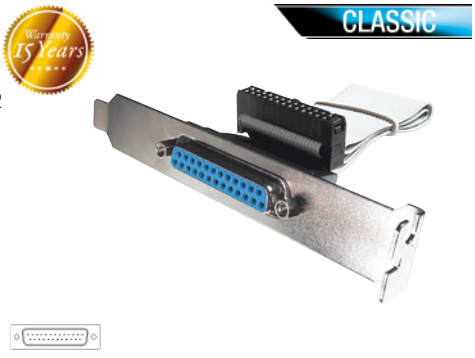
	Bulk	DIGITUS® Polybag	DIGITUS® Blister
AK-580105-030-E	3,0 m	On request	On request

Printer Slot Bracket cable, D-Sub25/M - IDC26/F

Save and Reliable Connection

This cable makes it easy to use the parallel port on the motherboard externally.

- Connector 1: DSUB, 25-pin, jack
- Connector 2: Socket Connector, 26-pin
- Assignment: 1-1, 14-2, 2-3, 15-4, 3-5, 16-6, 4-7, 17-8, 5-9, 18-10, 6-11, 19- 12 , 7-13, 20-14, 8-15, 21-16, 9-17, 22-18, 10- 19, 23-20, 11-21, 24-22, 12-23, 25-24, 13-25
- Hoods: plastic
- Shielding: Unshielded
- AWG: 28
- Wire material: CU
- Connector surface: nickel-plated
- Color cable: beige
- Color connector: black



	Bulk	DIGITUS® Polybag	DIGITUS® Blister
AK-580300-003-E	0,25 m	On request	On request

Printer Cables

USB printer cable

Installation within seconds - perfect to be used with notebooks and desktops without a parallel interface

- Compatible with USB specification revision 1.1
- USB A male to CENT 36-pin male connector
- Supports EPP / ECP and bidirectional printing
- Data transfer rate up to 1,216 Mbps (ECP mode)



Bulk	DIGITUS® Polybag	DIGITUS® Blister	
On request	On request	**DC USB-PM1**	1.8 m



Finder

Connector combination **Power cords (Mains Connection Cable)**			Low Cost	Basic	Classic	Premium
Schuko, plug	⇔	IEC C13 connector	----	----	p. 118	----
Schuko 90°angled, plug	⇔	IEC C13 connector	----	----	p. 118	----
Schuko 90°angled, plug	⇔	IEC C13 90° angled connector	----	----	p. 118	----
Euro, plug	⇔	IEC C7 connector (Shaver)	----	----	p. 119	----
Schuko, plug	⇔	IEC C5 connector (Mickey Mouse)	----	----	p. 119	----
IEC C14 connector	⇔	IEC C13 connector	----	----	p. 119	----
Schuko, plug	⇔	2x IEC C13 connector	----	----	p. 120	----
IEC C14 connector	⇔	2x IEC C13 connector	----	----	p. 120	----
UK Plug	⇔	IEC C13 connector	----	----	p. 120	----
Italy Plug	⇔	IEC C13 connector	----	----	p. 121	----
Danmark Plug	⇔	IEC C13 connector	----	----	p. 121	----
USA Plug	⇔	IEC C13 connector	----	----	p. 121	----
Swiss Plug	⇔	IEC C13 connector	----	----	p. 122	----
UK Plug	⇔	IEC C7 connector (Shaver)	----	----	p. 122	----
USA Plug	⇔	IEC C7 connector (Shaver)	----	----	p. 122	----
UK Plug	⇔	IEC C5 connector (Mickey Mouse)	----	----	p. 123	----
USA Plug	⇔	IEC C5 connector (Mickey Mouse)	----	----	p. 123	----
Swiss Plug	⇔	IEC C5 connector (Mickey Mouse)	----	----	p. 123	----

Power Supply Cables

Power supply cable

- Schuko power supply plug angled <=> IEC C13 jack straight
- Cable H05VV F3G 0.75qmm (250V / 10A)
- Plug according to CEE 7-VII
- Connector according EN 320-C13
- VDE tested, with double safety contact
- Color: black



	Bulk	DIGITUS® Polybag	DIGITUS® Blister	
AK 501 2M	1,8 m	On request	**DB-063803**	1,8 m
AK 504 2,5M	2,5 m	On request	**DB-063865**	2,5 m
AK 522	5,0 m	On request		On request

Power supply cable

- Schuko power plug straight <=> IEC C13 jack straight
- Cable H05VV F3G 0.75qmm (250V / 10A)
- Plug according to CEE 7-VII
- Connector according EN 320-C13
- VDE tested, 10 /16 A, 250V, with double safety contact
- Color: black



	Bulk	DIGITUS® Polybag	DIGITUS® Blister	
AK 533 2M	2,0 m	On request	**DB-064060**	2,0 m

Power supply cable

- Schuko power supply plug angled <=> IEC C13 jack angled
- Cable H05VV F3G 0.75qmm (250V / 10A)
- Plug according to CEE 7-VII
- Connector according EN 320-C13
- VDE tested, with double safety contact
- Color: black



	Bulk	DIGITUS® Polybag	DIGITUS® Blister	
AK 535 2M	2,0 m	On request		On request

Mains connection cable

- Euro plug <=> IEC C7 (Euro 8) jack
- Cable: H03 VV H2-F2x 0.75 qmm (250V, 2.5A)
- Plug according to EN 50 075
- Connector „8-Type“ according to EN 60 320 C7
- VDE tested
- Color: black



Bulk		DIGITUS® Polybag	DIGITUS® Blister	
AK 502 2M	1,8 m	On request	**DB-063841**	1,8 m
AK 502 2,5M	2,5 m	On request		On request

Power supply cable

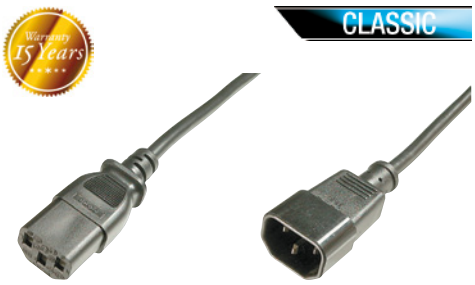
- Schuko power supply plug <=> IEC C5 jack straight
- Cable H05VV F3G 0.75qmm (250V / 10A)
- Plug according to CEE 7-VII
- Connector according EN 60320 CS
- VDE tested, with double safety contact
- Color: black



Bulk		DIGITUS® Polybag	DIGITUS® Blister	
AK 524 2M	2,0 m	On request	**DB-004257**	2,0 m

Power supply extension cable

- IEC C14 plug straight <=> IEC C13 jack straight
- Cable H05VV F3G (250V / 10A), 3 x 0.75 qmm
- Plug according to EN 320-C14
- Connector according EN 320-C13
- VDE tested, with double safety contact
- Color: black



Bulk		DIGITUS® Polybag	DIGITUS® Blister	
AK 503 2M	1,8 m	On request	**DB-063858**	1,8 m
AK 503 5M	5,0 m	On request		On request

Power Supply Cables

Y-Power supply cable

For power supply to two devices with via one socket.

- Schuko power supply plug angled <=> 2x IEC C13 jack straight
- Cable H05VV F3G 0.75qmm and 1,00qmm (250V / 10A)
- Plug according to CEE 7-VII
- Connector according EN 320-C13
- VDE tested
- Color: black



	Bulk	DIGITUS® Polybag	DIGITUS® Blister
AK 505/Y-G	1,7 m	On request	On request

Y-Power supply cable

For power supply to two devices with via one IEC connector.

- IEC C14 plug straight <=> 2x IEC C13 jack straight
- Cable H05VV F3G 0.75qmm and 1,00qmm (250V / 10A)
- Plug according to EN 320-C14
- Connector according EN 320-C13
- VDE tested
- Color: black



	Bulk	DIGITUS® Polybag	DIGITUS® Blister
AK 555/Y-G	1,7 m	On request	On request

Power Supply Cable United Kingdom

- UK power plug angled <=> IEC C13 jack straight
- Cable H05VV F3G (250V / 10A), 3 x 1.0 qmm
- UK plug 3pin, BS 1363
- IEC jack according to EN 60 320 C13
- Integrated 10A fuse
- Color: black



	Bulk	DIGITUS® Polybag	DIGITUS® Blister	
AK 501-UK 2M	1,8 m	On request	**DB-063827**	1,8 m

Power supply cable Italy

- Italy power plug, angled <=> IEC C13 jack straight
- Cable H05VV F3G 0.75qmm (250V / 10A)
- IEC jack according EN 320-C13
- VDE tested
- Color: black



Bulk		DIGITUS® Polybag	DIGITUS® Blister
AK 501-I	1,8 m	On request	On request

Power supply cable Danemark

- Denmark power supply plug, angled <=> IEC C13 jack straight
- Cable H05VV F3G 0.75qmm (250V / 10A)
- IEC jack according EN 320-C13
- VDE tested
- Color: black



Bulk		DIGITUS® Polybag		DIGITUS® Blister
AK 501/DK	1,8 m	**AK 501/DK**	1,8 m	On request

Power supply cable USA

- USA power plug <=> IEC C13 jack straight
- Cable H05VV F3G 0.75qmm (250V / 10A)
- IEC jack according EN 320-C13
- VDE tested
- Color: black



Bulk		DIGITUS® Polybag	DIGITUS® Blister
AK 501-USA	1,8 m	On request	On request

Power Supply Cables

Power supply cable Swiss

- Swiss power plug <=> IEC C13 jack straight
- Cable H05VV F3G 0.75qmm (250V / 10A)
- IEC jack according EN 320-C13
- VDE tested
- Color: black



	Bulk	DIGITUS® Polybag	DIGITUS® Blister
AK 501-SCHWEIZ	2.0 m	On request	On request

Power supply cable United Kindom

- UK power plug angled <=> IEC C7 (Euro 8) jack
- Cable: H05 VVH 2-F, 2 x 0.75 qmm (250V / 2,5A)
- UK plug 3pin, BS 1363
- Connector „8-Type“ according to EN 60 320 C7
- Integrated 3A fuse
- Color: black



	Bulk	DIGITUS® Polybag	DIGITUS® Blister
AK 502-UK	1,8 m	On request	On request

Power supply cable USA

- USA plug <=> IEC C7 (Euro 8) jack
- Cable: H03 VV H2-F2x 0.75 qmm (250V, 2.5A)
- Connector „8-Type“ according EN 60320 C7
- VDE tested
- Color: black



	Bulk	DIGITUS® Polybag	DIGITUS® Blister
AK 502-USA	1.8 m	On request	On request

Power supply cable United Kingdom

- UK power supply plug <=> IEC C5 jack straight
- Cable H05VV F3G 0.75qmm (250V / 10A)
- Connector according EN 60320 CS
- Intergrated 10A fuse
- VDE tested
- Color: black



		Bulk	DIGITUS® Polybag	DIGITUS® Blister
AK 524/UK	2,0 m		On request	On request

Power supply cable Swiss

- Swiss power supply plug <=> IEC C5 jack straight
- Cable H05VV F3G 0.75qmm (250V / 10A)
- Connector according EN 60320 CS
- VDE tested, with double safety contact
- Color: black



		Bulk	DIGITUS® Polybag	DIGITUS® Blister
AK 524/CH	2,0 m		On request	On request

Power supply cable USA

- USA power supply plug <=> IEC C5 jack straight
- Cable H05VV F3G 0.75qmm (250V / 10A)
- Connector according EN 60320 CS
- VDE tested
- Color: black

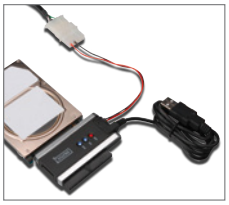


		Bulk	DIGITUS® Polybag	DIGITUS® Blister
AK 524/US	2,0 m		On request	On request

Connect, read out, finished!

The DIGITUS® USB 2.0 Mini hard disk adapter converts any SATA or IDE hard disk quickly and easily into a convenient external USB drive, and is therefore ideally suitable for backups and service.




2,5 IDE HDD

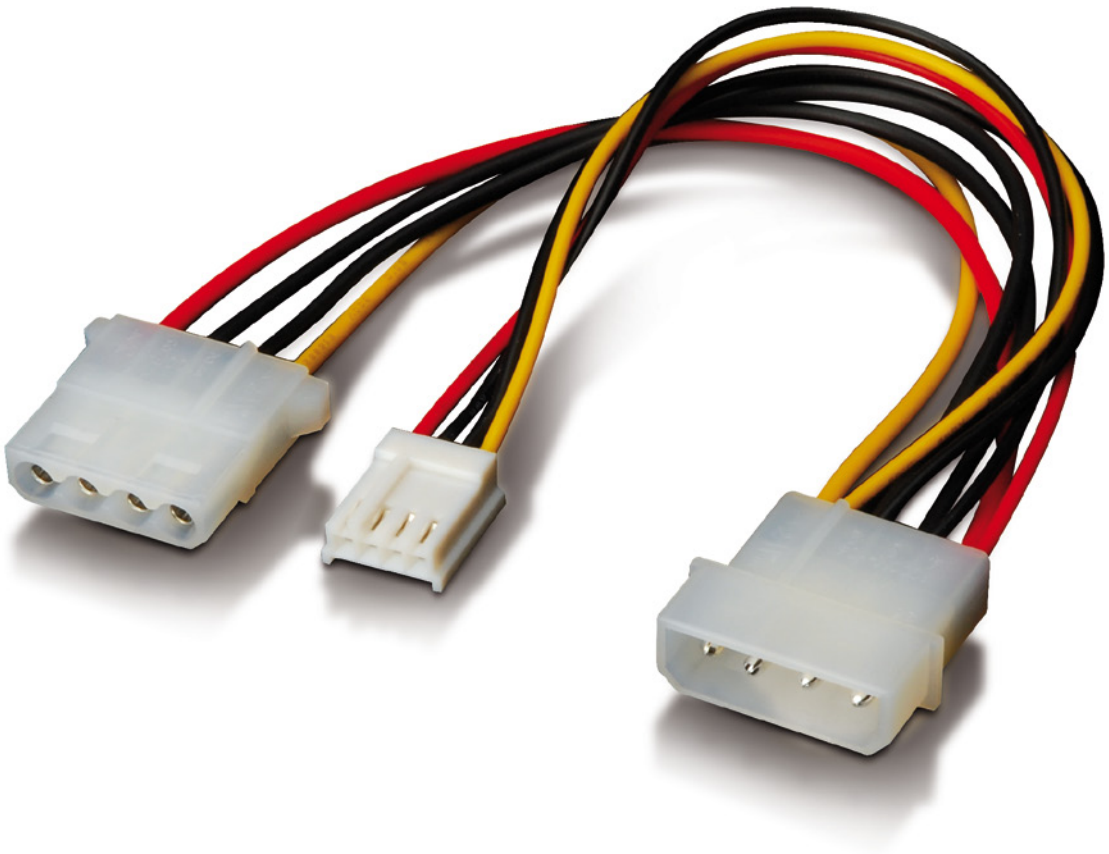

3,5 IDE HDD


SATA HDD

Enjoy connections. Live.

DIGITUS®

www.digitus.info



Finder

Connector combination **Internal Power Supply Cable**			Low Cost	Basic	Classic	Premium
Molex 3-pin Fan connector	⇔	Molex 4-pin plug + Molex 4-pin jack	----	----	p. 126	----
Molex 4-pin plug	⇔	2x Molex 4-pin jack	----	----	p. 126	----
Molex 4-pin plug	⇔	Molex 4-pin jack + IDE 4pin jack	----	----	p. 126	----
Molex 4-pin plug	⇔	2x IDE 4-pin jack	----	----	p. 127	----
PCI 6-pin connector	⇔	2x IDE 4-pin plug	----	----	p. 128	----
ATX 20-pin plug	⇔	ATX 20-pin jack	----	----	p. 127	----
ATX 20-pin plug	⇔	P8 + P9 motherboard connector	----	----	p. 128	----
BTX 24-pin plug	⇔	ATX 20-pin jack	----	----	p. 129	----
BTX 24-pin plug	⇔	ATX 24-pin jack	----	----	p. 129	----
SATA 15-pin jack	⇔	Molex 4-pin plug	----	----	p. 130	----
SATA 22-pin 90° angled jack	⇔	SATA L-type connector + Molex 4-pin plug	----	----	p. 130	----

Internal PC Power Cables

CPU cooler connector cable

- 3-pin CPU fan, plug <=> 1 x 5.25“, plug and 1 x 5.25“, jack

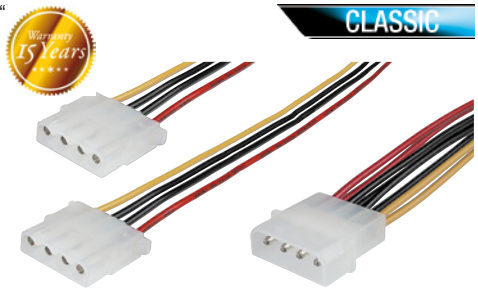
Adaptor for connecting CPU fans with 3-pin connectors directly with a ATX/AT power supply. Particularly suitable for PCs with AT mainboards that have no direct connector for a CPU fan.



Bulk		DIGITUS® Polybag	DIGITUS® Blister	
AK 53P4P	0.3 m	On request	**DB-093640**	0.3 m

Internal Y-power supply cable

- IDE plug (13,4cm/5.25“) <=> 2x IDE jack (13,4cm/5.25“



Bulk		DIGITUS® Polybag	DIGITUS® Blister	
AK 319 0,20M	0.2 m	On request	**DB-063117**	0.2 m

Internal Y-power supply cable

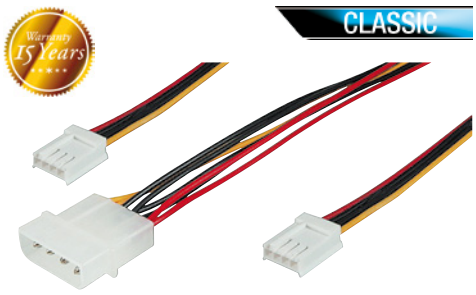
5,25“, plug <=> 5.25“, jack + 3.5“, jack



Bulk		DIGITUS® Polybag	DIGITUS® Blister	
AK 521 0,2M	0.2 m	On request	**DB-063933**	0.2 m

Internal Y-power supply cable, IDE - 2x Floppy

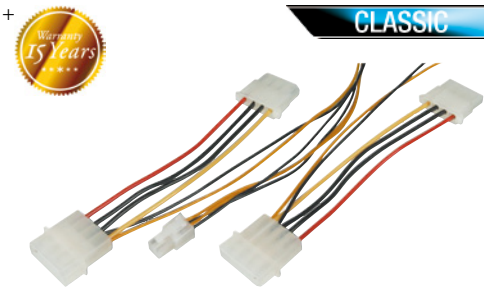
- IDE plug (13,4cm/5.25“) <=> 2x Floppy jack (8,9cm/5.25“)



	Bulk	DIGITUS® Polybag	DIGITUS® Blister
AK 520 0,2M	0.2 m	On request	On request

Internal power supply cable, AT

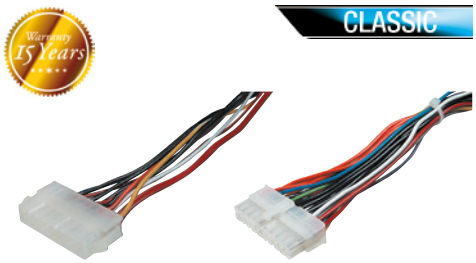
- IDE plug (13,4cm/5.25“) <=> IDE jack (13,4cm/5.25“) + 3-pin fan connector
- Supports 12V power



	Bulk	DIGITUS® Polybag	DIGITUS® Blister	
AK ATX-P4	0.2 m	On request	**DB-095996**	0.2 m

Internal power supply extension cable, ATX

- ATX 20-pin plug <=> ATX 20-pin jack



	Bulk	DIGITUS® Polybag	DIGITUS® Blister
AK ATX-EXT	0.2 m	On request	On request

Internal PC Power Cables

Internal power supply cable, ATX - AT

- Connector 1: ATX-plug, 20-pin
- Connector 1: P8 + P9 jack, each 6-pin



	Bulk	DIGITUS® Polybag	DIGITUS® Blister
AK ATX-AT	0.2 m	On request	On request

Internal power supply cable, PCI

Allows the connection of a PCI graphic card with 6-pin connector to the internal PC-power supply. Please check the Pin connection, because this is not same with all Mainboards.

- Connector 1: 2x IDE plug (13,4cm/5.25“)
- Connector 2: 6-pin PEG graphic card plug

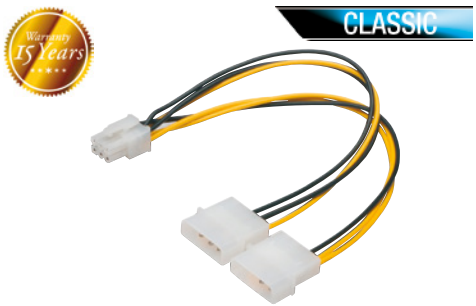


	Bulk	DIGITUS® Polybag	DIGITUS® Blister
AK PCI-P6	0.2 m	On request	On request

Internal power supply cable, PCI

Allows the connection of a PCI graphic card with 6-pin connector to the internal PC-power supply. Please check the Pin connection, because this is not same with all Mainboards.

- Connector 1: 2x IDE plug (13,4cm/5.25“)
- Connector 2: 6-pin PEG graphic card plug



	Bulk	DIGITUS® Polybag	DIGITUS® Blister
AK-134002	0.2 m	On request	On request

Internal power supply cable set, ATX - BTX, 0.2 m

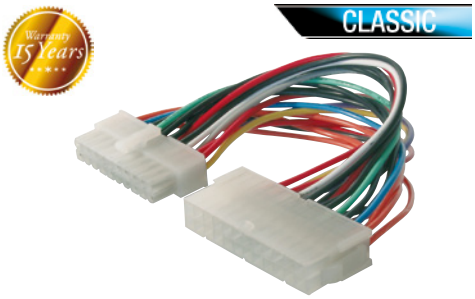
- BTX-plug, 24-pin <=> ATX-jack, 20-pin
- ATX-12V-plug, 8-pin., 4.2 pitch <=> jack, 4-pin, 4.2 pitch cable



Bulk		DIGITUS® Polybag	DIGITUS® Blister	
AK ATX-ADAP	0.2 m	On request	**DB-174004**	0.2 m

Internal power supply cable, BTX - ATX

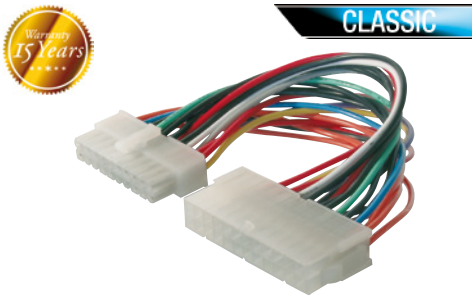
- Connector 1: BTX-jack, 24-pin
- Connector 2: ATX-plug, 20-pin



Bulk		DIGITUS® Polybag	DIGITUS® Blister	
AK ATX-ADAP2	0.2 m	On request	**DB-183761**	0.2 m

Internal power extension cable, BTX

- Connector 1: BTX, 24-pin, jack
- Connector 2: BTX, 24-pin, plug



Bulk		DIGITUS® Polybag	DIGITUS® Blister
AK-134003	0.2 m	On request	On request

Internal PC Power Cables

Internal power supply cable, IDE - SATA

- IDE (4-pin Molex) plug <=> STATA 15-pin jack
- AWG18
- UL1007

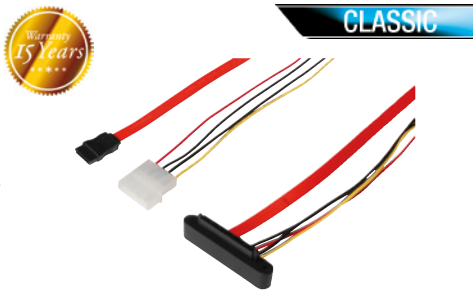


	Bulk	DIGITUS® Polybag	DIGITUS® Blister	
AK-SATA-PC 015	0.15 m	On request	**DB-129653**	0.15 m

SATA connection cables with power connector, 90° angled

The cable serves for the internal Anschlus of SATA devices (e.g. hard disks). To save place in the PC the 22-pin SATA connector is 90° angled (right angled, cable to top).

- SATA 22-pin plug, 90° angled <=> SATA 7-pin + Power 4-pin plug
- Compatible with Serial ATA standards
- Suitable for data transfer rates up to 300 MB/s
- 7-wire cable, UL21149, 4 x data wires, 3 x earthing wires
- 4-wire cable, 4x power supply / jack (12V, GND, 5V, GND)
- 22-pin SATA plug - 7-pin SATA plug a. 4-pin power supply plug



	Bulk	DIGITUS® Polybag	DIGITUS® Blister
AK-125006	0.50 m	On request	On request



Finder

Connector combination **Power Distribution Unit**			Low Cost	Basic	Classic	Premium
Schuko 90° angled, plug	⇔	Schuko 35° angled, socket	----	----	p. 132	----
Schuko 90° angled, plug	⇔	Schuko 35° angled, socket, Overvoltage protection	----	----	p..132	----
Schuko 90° angled, plug	⇔	Schuko 35° angled, socket, Overvoltage protection, 2 Circuits	----	----	p. 132	----

Power Strips

3-way socket outlet, white, with switch and child

CLASSIC

- 3-way socket outlet 3-pole
- 1,5m, white H05VV-F 3G1,50mm², with child protection German type right angle plug
- with switch



292562 / **ASL-3-2**	
292579 / **ASL-6-3**	

Professional quality aluminium outlet strips

CLASSIC

- Very warp resistant aluminium profile
- Safety sockets rotated by 35°, black
- Integrated child protection
- Feed line:1.75m H05VV-F3G 1.50mm²
- Max. power: 3600W / 16A



178668 / **ASL-ALU-6**	6-fold with switch and voltage protection
178675 / **ASL-ALU-6SUG**	6-fold with switch, voltage protection and net- and frequency filters
178699 / **ASL-ALU-6MS**	4+1-fold with Master & Slave switching

Plastic Outlet strips with child protection

CLASSIC

- Safety sockets rotated by 35°
- Color: black
- Plastic profile in silver
- Integrated child protection
- Feed line: 2m H05VV-F3G 1.50mm2
- Max power: 3600W / 16A



178705 / **ASL-KU-6**	6-fold with switch and voltage protection
178712 / **ASL-KU-6SUG**	6-fold with switch, voltage protection and net- and frequency filters
178729 / **ASL-KU-4MS**	4+1-fold with Master & Slave switching

Aluminium outlet strip with overload protection, 12 outlets

CLASSIC

Provides premium power protection for professional IT equipment

- 2 circuits with 12 socket outlets 250VAC 50/60Hz / 2x 16A
- Aluminium profile
- 35° turned outlets
- 2x Overload protection
- 2 metal fixings included
- Cable: 2m H05VV-F 3G1,5mm²
- Right angle Schuko plug with double earthing
- Vertical installation



266433 / **DN-95405** Aluminium outlet strip with overload protection, 12 outlets

Not just a camera – but a system!

DIGITUS® Professional offers a comprehensive security and surveillance range. For us it is not only important offering a low priced camera also but a holistic and compatible system. A wide range of accessories is here just as important as unified software for all products.

Our products are fit for any purpose. They are suitable for indoors and outdoors monitoring, waterproof (if necessary), they feature residual light amplification (depending on the application), infrared detectors and/or motion tracking – a system from a single source.



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DIGITUS® ***Professional***

www.digitus-ip-cams.com

02 // Apple Data- & Charging Cables



135 – 137

USB Sync/Charger cable 136
Component with USB Audio/Video Cable 136
Adapter Battery Pack 137
Car Charger Kit 137
Apple® Counter Display (assembled) 137

Apple Data- & Charging Cables

USB Sync/Charger cable

PREMIUM



Anywhere and by-the-way synchronization and charging; 0.25m

Ideally to synchronise and charge an Apple iPod ®, iPhone ® or iPad ® over the computer or for charging over any USB battery charger. 0.25mFor connection with a PC, Notebook or appropriate Power Supplies with USB A interfaceFor data transmission of music applications, for example iTunes or to use as charger cable suitable for appropriate USB Power Supplies

- Connector 1: Apple dock, plug
- Connector 2: USB A, plug
- UL certified: UL20276
- Hoods: plastic
- Shielding: double shielding
- AWG: 30
- Wire material

- For connection to a computer, laptop or appropriate power supply with USB port A
- For data transfer of, for example, music editing programs such as iTunes or suitable as a USB cable for charging over suitable power supplies
- UL certified
- double shielding
- AWG 30
- wire material cu
- surface nickel plated
- color cable black
- color connector black

293712 / **DB-600100-003-S** iPod® USB Sync/Charger cable, 0.25m

USB Sync/Charger cable

PREMIUM



Anywhere and by-the-way synchronization and charging; 0.5m

Ideally to synchronise and charge an Apple iPod ®, iPhone ® or iPad ® over the computer or for charging over any USB battery charger. 0.25mfor connection with a PC, Notebook or appropriate Power Supplies with USB A interface for Data transmission of music applications, for example iTunes or to use as changer cable suitable for apropriate USB Power Supplies

- Connector 1: Apple dock, plug
- Connector 2: USB A, plug
- UL certified: UL20276
- Hoods: plastic
- Shielding: double shielding
- AWG: 30
- Wire material: CU
- Connector surface: nickel-plated
- Color cable: white
- Color connector: white
- Length: 0.5 m

- For connection to a computer, laptop or appropriate power supply with USB port A
- For data transfer of, for example, music editing programs such as iTunes or suitable as a USB cable for charging over suitable power supplies
- UL certified
- plastic hood
- Double shielded
- AWG 30
- wire material cu
- surface nickel plated

293729 / **DB-600100-005-W** iPod® USB Sync/Charger cable, 0.5m

293835 / **DB-600100-010-W** iPod® USB Sync/Charger cable, 1.0m

Component with USB Audio/Video Cable

PREMIUM



Present your fotos and videos easily on a screen; 1.5m

Ideally to connect an Apple iPod ®, iPhone ® or iPad ® over the component video plugs (RCA) with a television or a HiFi-system. Beyond that, with the USB plug you have the opportunity to charge the devices over an USB battery charger or computer, with concurrent audio/video-playback. 1.5m

- Connector 1: Apple dock, plug
- Connector 2: 3 x RCA, plug + USB A, plug
- UL certified: UL20276
- Hoods: plastic
- Shielding: double shielding
- AWG: 30
- Wire material: CU
- Connector surface: nickel-plated
- Color cable: white
- Color connector: white

- UL certified
- plastic hood
- Double shielded
- AWG 30
- wire material cu
- surface nickel plated

293736 / **DB-600101-015-W** iPod® Component with USB Audio/Video Cable, 1.5m

Adapter Battery Pack

PREMIUM

Your back-up power source

Ideally for the lengthening of the accumulator from iPod ® or iPhone ®, e.g., during trekking / travelling tours, while using as a Navi or MP3 player. To charge the battery pack, you can connect the battery with the included USB A/M - miniB(5pin)/M cable to a PC or notebook.



- Battery type: Li-Pol
- Capacity: 1500mAh
- Output: DC5V/500mA
- Load cycle: >1000
- Measurements: 61(L)*45.5(W)*13(H)mm

293910 / **DB-600500-000-W** iPod® Adapter Battery Pack incl. Sync/Charger cable, 1.0m

Car Charger Kit

PREMIUM

All about charging on the trip

Universal Apple iPod ®/iPhone ®/iPod ® connection set to charge over a USB car charging adapter or for synchronisation with the computer.



- Set consisting of an Apple Dock sync / charger cable, 1.0 m in white and a car adapter in white, for power supply over the car cigarette lighter socket.
- LED power indicator
- Input voltage DC 10,5 -18V
- Output voltage: DC 5V
- Fuse: 2A 250V
- charging rate 1 A

293743 / **DB-600900-010-W** iPod® Car Charger Kit incl. Sync/Charger cable, 1.0m

Apple® Counter Display (assembled)

PREMIUM

Ready assembled out-of-the-box presenter

Apple® Counter Display purchased parts package



Package Content

- Apple® Counter Display (assembled)
- 1x Positioner - Apple® Counter Display with presentation stages DM-50004
- 1x Covering box with dividing wall for save transportation
- 4x iPod® USB Sync/charger cable DB-600100-003-S
- 4x iPod® USB Sync/charger cable DB-600100-005-W
- 4x iPod® USB Sync/charger cable DB-600100-010-W
- 2x iPod® Component with USB Audio/Video cable DB-600101-015-W
- 2x iPod® Adapter battery pack DB-600500-000-W
- 2x iPod® Car Charger Kit DB-600900-010-W
- 1x Apple® Accessories catalog

306146 / **DA-50005** Apple® Counter Display (assembled) with german catalog

306153 / **DA-50006** Apple® Counter Display (assembled) with english catalog

Visit www.DIGITUS.info for our consumer products

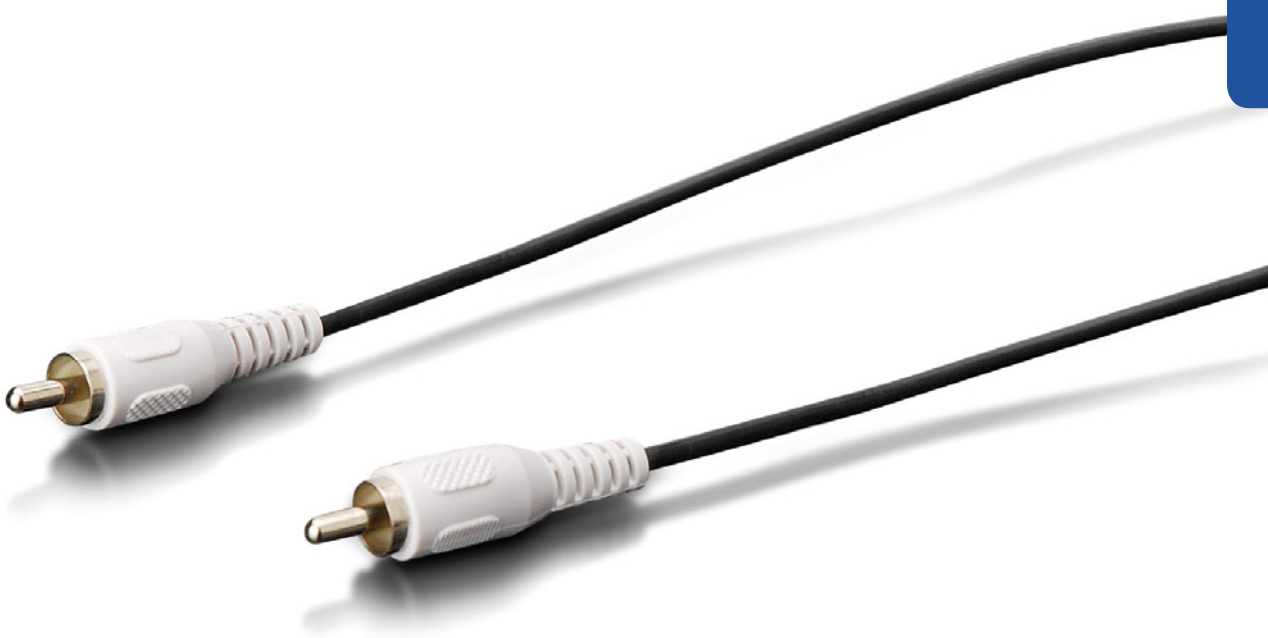
03 // A/V Cables and Adapters



139 – 160

03.01 Cinch Cables 141
// Cinch and TRS Cables 145
// 3.5mm Cables 146
// Scart Cables 147
03.02 Audio/Video Adapters 151
03.03 Monitor Cables // DVI Cables & Adapters 155
03.04 Monitor Cables // HDMI Cables & Adapters 156
03.05 Monitor Cables // DisplayPort Cables & Adapater .. 158

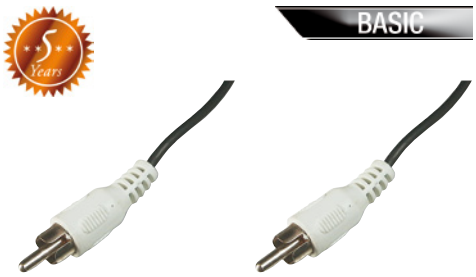
For more information visit www.ASSMANN.com



RCA Cables

RCA connection cable, mono

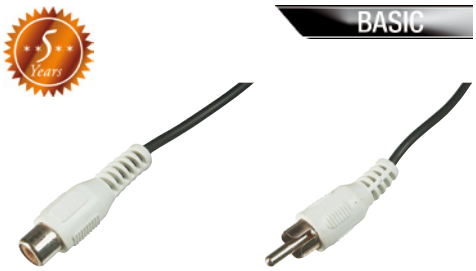
- RCA plug <=> RCA plug
- Molded housing
- Cable CCS, shielded
- Plug color: white
- Cable color: black



	Bulk	DIGITUS Polybag	DIGITUS Blister
AK-AV 200	1.5 m	On request	On request
AK-AV 201	2.5 m	On request	On request

RCA extension cable, mono

- RCA plug <=> RCA jack
- Molded housing
- Cable CCS, shielded
- Plug color: white
- Cable color: black



	Bulk	DIGITUS Polybag	DIGITUS Blister
AK-AV 202	2.5 m	On request	On request

RCA connection cable, stereo

- 2x RCA plug <=> 2x RCA plug
- Molded housing
- Cable CCS, shielded
- Plug color: white/red
- Cable color: black



	Bulk	DIGITUS Polybag	DIGITUS Blister	
AK-101002	0.75 m	On request		On request
AK CHMM-015	1.5 m	On request	**DB-109945**	1.5 m
AK CHMM-025	2.5 m	On request	**DB-109952**	2.5 m
AK CHMM-50	5.0 m	On request	**DB-109969**	5.0 m
AK-101008	10.0 m	On request		On request

RCA connection cable

- 3 x RCA plug <=> 3 x RCA plug
- Molded housing
- Cable CCS, shielded
- RCA plug color: white/red/yellow
- Cable color: black

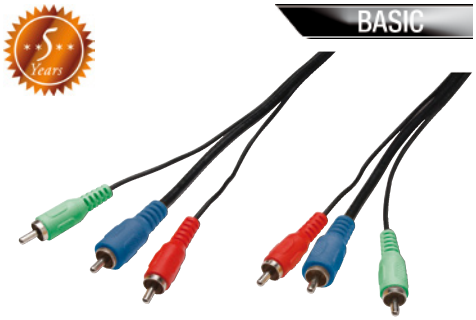


	Bulk	DIGITUS Polybag	DIGITUS Blister
AK-101028	1.5 m	On request	On request
AK-101030	5.0 m	On request	On request

RCA connection cable (RGB)

This cable is e.g. suitable for connections of beamers with SAT or cable receivers.

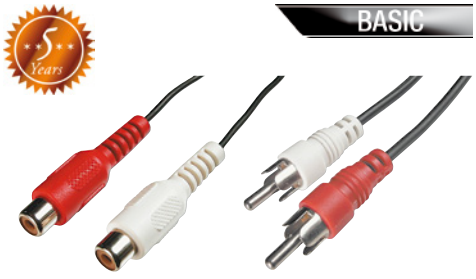
- 3 x RCA plug <=> 3 x RCA plug
- Molded housings
- Cable CCS, shielded
- RCA plug color: red/blue/green
- Cable color: black



	Bulk	DIGITUS Polybag	DIGITUS Blister
AK-101036-1		On request	On request

RCA extension cable, stereo

- 2x RCA plug <=> 2x RCA jack
- Molded housing
- Cable CCS, shielded
- Plug color: white/red
- Cable color: black



	Bulk	DIGITUS Polybag	DIGITUS Blister
AK CHMF-015	1.5 m	On request	**DB-110002**
AK CHMF-025	2.5 m	On request	**DB-110019**
AK CHMF-050	5.0 m	On request	On request
AK CHMF-100		On request	On request

RCA and TRS Cables

Audio connection cable, stereo

- 3.5mm stereo plug <=> 2x RCA plug
- Molded housing
- Cable CCS, shielded
- RCA plug color: white/red
- 3.5 plug color: black
- Cable color: black



Bulk		DIGITUS Polybag	DIGITUS Blister	
AK 243-015	1.5 m	On request	**DB-109891**	1.5 m
AK 243	2.0 m	On request	**DB-062981**	2.0 m
AK 243-025	2.5m	On request	**DB-110224**	2.5 m
AK 243-050	5.0 m	On request	**DB-110231**	5.0 m
AK 243 10M	10.0m	On request		On request

Audio extension cable, stereo

- Stereo 3.5mm jack <=> 2x RCA plug
- Molded plugs
- Cable CCS, shielded
- RCA plug color: red/white
- 3.5mm jack color: black
- Cable color: black



Bulk		DIGITUS Polybag	DIGITUS Blister
AK-101022	0.2 m		

Audio extension cable, stereo

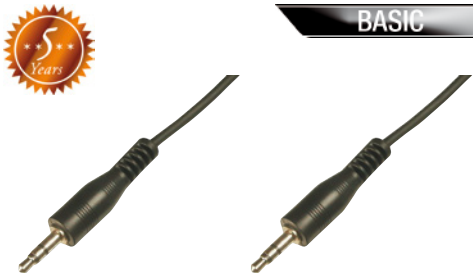
- 3.5mm stereo plug <=> 2x RCA jack
- Molded housing
- Cable CCS, shielded
- RCA plug color: white/red
- 3.5 plug color: black
- Cable color: black



Bulk		DIGITUS Polybag	DIGITUS Blister	
AK-102001	0.2 m	On request	**DB-226918**	0.2 m
AK 244	2.0 m	On request	**DB-050063**	2.0 m

Audio connection cable, stereo

- 3.5mm stereo plug <=> 3.5mm stereo plug
- Molded housing
- Cable CCS, shielded
- Color: black



Bulk		DIGITUS Polybag	DIGITUS Blister	
AK-AV 100	1.5 m	On request	**DB-109884**	1.5 m
AK 203/MM	2.0 m	On request	**DB-050056**	2.0 m

Audio extension cable, stereo

- 3.5mm stereo plug <=> 3.5mm stereo jack
- Molded housing
- Cable CCS, shielded
- Color: black



Bulk		DIGITUS Polybag	DIGITUS Blister	
AK-102023	1.5 m	On request		On request
AK 203 2,5M	3.0 m	On request	**DB-062943**	3.0 m
AK-102027	5.0 m	On request		On request

3.5mm Cables

Audio Y-splitter cable, stereo

- 3.5mm stereo plug <=> 2x 3.5mm stereo jack
- Molded housing
- Cable CCS, shielded
- Color: black



	Bulk	DIGITUS Polybag	DIGITUS Blister
AK-102030	0.2 m	On request	On request

Audio connection cable, stereo, with 90° angled plugs

- 3.5mm stereo plug <=> 2.5mm stereo plug
- Molded housing, 90° angled
- Cable CCS, shielded
- Color: black



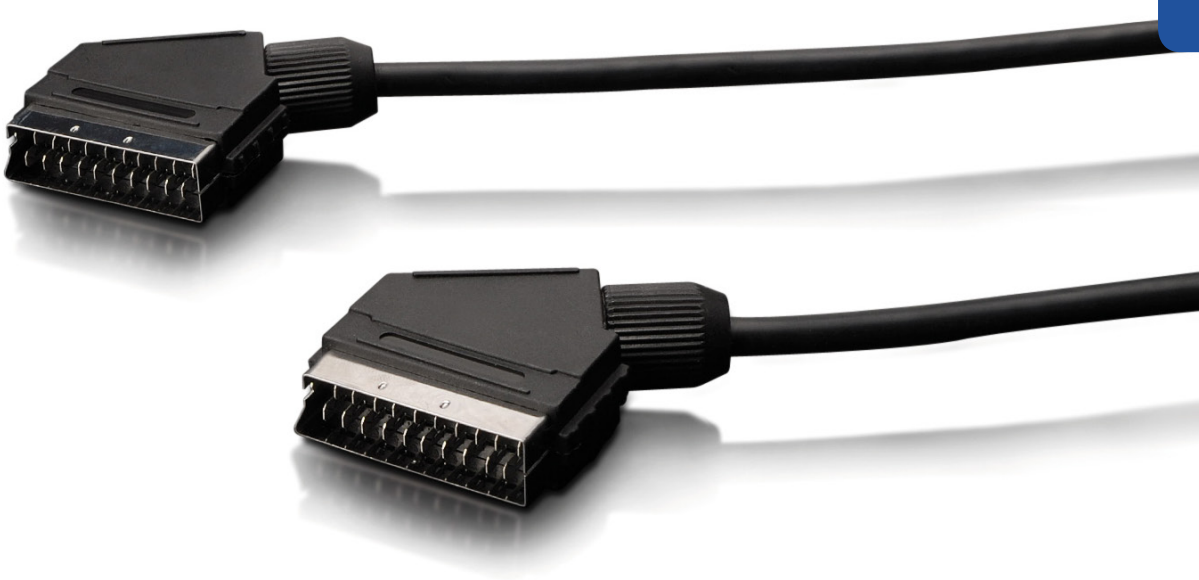
	Bulk	DIGITUS Polybag	DIGITUS Blister
AK-102018	2.5 m	On request	On request

S-VHS connection cable

- MiniDIN 4-pin plug <=> MiniDIN 4-pin plug
- Molded housing
- Cable CCS, single shielded
- Color: black



	Bulk	DIGITUS Polybag	DIGITUS Blister	
AK 395	2.0 m	On request	**DB-086260**	2.0 m
AK 395-50	5.0 m	On request	**DB-106142**	5.0 m



Scart Cables

Scart connection cable

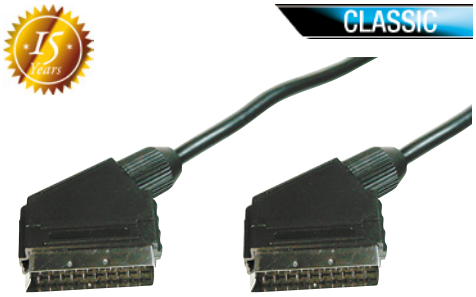
- Scart 21-pin plug <=> Scart 21-pin plug
- Plastic housing
- Cable CCS, single shielded
- Color: black



	Bulk	DIGITUS Polybag	DIGITUS Blister
AK-107001	0.75 m	On request	On request
AK 390	1.5 m	On request	On request

Scart connection cable

- Scart 21-pin plug <=> Scart 21-pin plug
- Plastic housing
- Cable CCS, double shielded
- Color: black

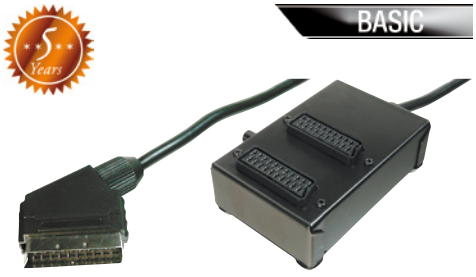


	Bulk	DIGITUS Polybag	DIGITUS Blister	
AK 313	1.5 m	On request	**DB-083320**	1.5 m

Scart splitter cable

Signal direction Scart plug -> 2x Scart jack

- Scart 21-pin plug <=> 2x Scart 21-pin jack
- Plastic housing
- Cable CCS, single shielded
- Color: black

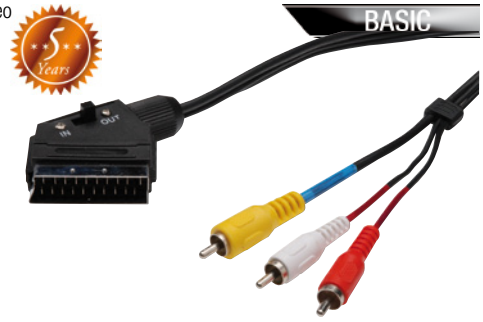


	Bulk	DIGITUS Polybag	DIGITUS Blister
AK 316	1,5 m	On request	On request

Scart - RCA connection cable with switch

Connection Cable with In/Out switch to choose signal direction.

- Scart 21pin plug <=> 3x RCA plug, Video + Audio/Stereo
- Plastic housing
- Cable CCS, single shielded
- RCA plug color: white/red/yellow
- Scart plug color: black
- Cable color: black



Bulk		DIGITUS Polybag	DIGITUS Blister
AK-107037	1.5 m	On request	On request

Toslink connection cable, ODT

The cable connects in an easy way, e.g., Blue-Ray player or SAT-Receiver to an A/V-Receiver or HD TV.

- Toslink ODT plug <=> Toslink ODT plug
- 1.0mm fibre optic wire
- Color: black



Bulk		DIGITUS Polybag	DIGITUS Blister	
AK-500100-015-S	1.0 m	On request	**DB-500101-010-S**	1.0 m
AK-500100-015-S	1.5 m	On request	**DB-500101-015-S**	1.5 m
AK-500100-020-S	2.0m	On request	**DB-500101-020-S**	2.0 m
AK-500100-030-S	3.0 m	On request	**DB-500101-030-S**	3.0 m

For security & surveillance visit www.DIGITUS-IP-CAMS.com


INPUT
OUTPUT
AUDIO
(L/MONO)
AUDIO
(R)
S-VIDEO
VIDEO

Audio/Video Adapter

Audio adapter, stereo

- 3.5mm stereo plug <=> 2x 3.5mm stereo jack
- Molded housing
- Color: black

BASIC



Bulk	DIGITUS Polybag	DIGITUS Blister
AB-AV 105	On request	DB-110149

Audio adapter, stereo

- 3.5mm stereo plug <=> 2x RCA jack
- Molded housing
- Color: black

BASIC



Bulk	DIGITUS Polybag	DIGITUS Blister
AB-AV 106	On request	DB-110156

Audio adapter, mono

- 6.3mm mono plug <=> RCA jack
- Molded housing
- Color: black

BASIC



Bulk	DIGITUS Polybag	DIGITUS Blister
AB-AV 100	On request	DB-110095

Audio adapter, stereo

- 2.5mm stereo plug <=> 3.5mm stereo jack
- Molded housing
- Color: black

BASIC



Bulk	DIGITUS Polybag	DIGITUS Blister
AB-AV 108	On request	On request

Scart - RCA/S-VHS adapter with switch

With I/O switch to choose signal direction

- Scart 21-pin plug <=> 3x RCA jack + MiniDIN 4-pin jack (S-VHS)
- IN/OUT switch
- Plastic housing
- Color: black

BASIC



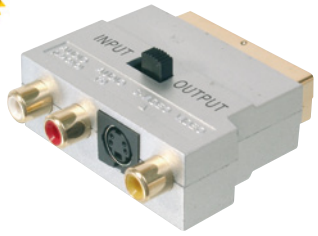
Bulk	DIGITUS Polybag	DIGITUS Blister
AB-AV 500LC	On request	**DB-115601**

Scart - RCA/S-VHS adapter with switch, high quality

With I/O switch to choose signal direction

- Scart 21-pin plug <=> 3x RCA jack + MiniDIN 4-pin jack (S-VHS)
- IN/OUT switch
- Gold plated
- Metallic housing

CLASSIC



Bulk	DIGITUS Polybag	DIGITUS Blister
AB-AV 500	On request	**DB-110750**

Audio/Video Adapter

Scart switchbox, 2-fold

Connection of 2 video sources to one TV / monitor

- 3x Scart jack
- 1x manual switch for switching between inputs
- 1x output for TV / monitor
- 2x input for video recorder, camera, or satellite receiver
- Alternating dubbing option between the two inputs
- S-VHS replay possible via one input
- Color: black

CLASSIC



Bulk	DIGITUS Polybag	DIGITUS Blister
AB-AV 501	Auf Anfrage	Auf Anfrage

Scart + RCA switch panel, 3-fold

Connection of 3 video sources to one TV / monitor

- VHS, S-VHS, Video 8 and HI 8 compatible
- Input RGB signal switchable
- Scart and cinch (video, audio L/R) output for monitor / TV connection
- Dubbing option between inputs (1-2, 1-3)
- Monitor function (cinch: video, audio L/R) allows you to watch recordings directly
- 4 x Scart female
- 6 x Cinch female
- Color: black

CLASSIC



Bulk	DIGITUS Polybag	DIGITUS Blister
AB-AV 502	Auf Anfrage	Auf Anfrage



For further informations see page 42

Finder

Connector combination **DVI Cable**			Low Cost	Basic	Classic	Premium
DVI Single Link DVI-D(18+1) plug	⇔	DVI-D(18+1) plug	----	p. 44	p. 44	p. 44
DVI Dual Link DVI-D(24+1) plug	⇔	DVI-D(24+1) plug	----	p. 45	p. 45	p. 45
DVI Dual Link DVI-I(24+5) plug	⇔	DVI-I(24+5) plug	----	----	p. 46	----
DVI Dual Link DVI-I(24+5) plug	⇔	HD15 plug	----	----	p. 47	p. 47
DVI Dual Link DVI-D(24+1) plug	⇔	DVI-D(24+1) jack	----	p. 46	p. 46	p. 47
DVI Dual Link DVI-I(24+5) plug	⇔	DVI-I(24+5) jack + HD15 jack	----	----	p. 48	----
DVI Dual Link DVI-I(24+5) plug	⇔	3xRCA(RGB) jack + HD15 jack	----	----	p. 49	----
DVI Dual Link DVI-I(24+5) plug	⇔	2x DVI-I(24+5) jack	----	----	p. 48	----
DVI Dual Link DVI-I(24+5) plug	⇔	2x HD15 jack	----	----	p. 48	----

Connector combination **DVI Adapter**			Low Cost	Basic	Classic	Premium
DVI Dual Link DVI-I(18+1) plug	⇔	HDMI type A jack	----	----	p. 49	p. 49
DVI Dual Link DVI-I(24+5) jack	⇔	DVI-I(24+5) jack	----	----	----	----
DVI Dual Link DVI-I(24+5) jack	⇔	HD15 plug	----	----	p. 50	p. 51
DVI Dual Link DVI-I(24+5) plug	⇔	HD15 jack	----	----	p. 50	p. 50



Spec Overview

HDMI

		Low Cost	Basic	Classic	Premium
Description	Classification				
	Version	HDMI	HDMI	HDMI	HDMI
	Comparable with former Rev.-No.	HDMI 1.3	HDMI 1.3	HDMI 1.3	HDMI 1.3
Features	Useful resolution	1080p	1080p	1080p	1080p
	TV-Category	Full HD and HD ready 1080p	Full HD and HD ready 1080p	Full HD and HD ready 1080p	Full HD and HD ready 1080p
	Certified	No / Compatible	Conform	Conform	Conform
	UL-conform	Yes	Yes	Yes	Yes
	Housing	Plastic	Plastic	Plastic	Plastic
	Connector	Nickel plated	Nickel plated	Nickel flash	Gold flash
	Shielding	Unshielded	Unshielded	Shielded	Shielded
Construction details	AWG-Number	AWG 30	AWG 28	AWG 28	AWG 28
	Conductor Material	Variable	CU	CU	CU
	Covered contacts	Gold flash	Gold flash	Gold plated	Gold plated
	Shielding	----	----	Foil	Foil
	Foil Material	----	----	AL/Mylar	AL/Mylar

For further informations see page 52.

For further informations see page 52

Finder

Connector combination **HDMI High Speed Cable**			Version	Low Cost	Basic	Classic	Premium
HDMI type A plug	⇔	type A plug	Standard	p. 54	p. 54	p. 55	p. 55
HDMI type A plug	⇔	type A plug	with Amplifier	----	----	p. 56	----
HDMI type A plug	⇔	type A plug	Rotatable	----	----	p. 55	----
HDMI type A plug	⇔	type A plug	Flat cable	----	----	p. 55	----
HDMI type A plug	⇔	type A jack	Standard	----	----	p. 57	----
HDMI type A plug	⇔	DVI-D(18+1) plug	Standard	----	----	p. 57	p. 57
HDMI type A plug	⇔	DVI-D(24+1) plug	Standard	----	----	p. 58	p. 58
HDMI type C plug	⇔	type A plug	Standard	----	----	p. 56	----
HDMI type C plug	⇔	type C plug	Standard	----	----	----	----
HDMI type D plug	⇔	type A plug	Standard	----	----	p. 61	----
HDMI type D plug	⇔	type D plug	Standard	----	----	p. 60	----
HDMI type A plug	⇔	DVI-D(24+1) plug + type A jack	Standard	----	----	p. 59	----
HDMI type A plug	⇔	2x type A jack	Standard	----	----	p. 58	----
HDMI type A plug	⇔	2x DVI-D(24+1) jack	Standard	----	----	p. 59	----

Connector combination **HDMI High Speed Adapter**			Low Cost	Basic	Classic	Premium
HDMI type A jack	⇔	type A jack	----	----	p. 61	p. 62
HDMI type A plug	⇔	type A jack	----	----	p. 61	----
HDMI type A plug 90°	⇔	type A jack	----	----	p. 62	p. 63
HDMI type A plug	⇔	type C jack	----	----	p. 63	----
HDMI type A plug	⇔	DVI-D(18+1) plug	----	----	p. 63	p. 64
HDMI type A plug	⇔	DVI-I(24+5) jack	----	----	p. 64	p. 64
HDMI type A jack	⇔	DVI-I(24+5) jack	----	----	p. 65	p. 65
HDMI type C plug	⇔	type A jack	----	----	p. 65	----

Connector combination **HDMI High Speed w/ Ethernet Cable**			Version	Low Cost	Basic	Classic	Premium
HDMI type A plug	⇔	type A plug	Standard	----	----	p. 60	p. 60
HDMI type A plug	⇔	type A jack	Standard	----	----	p. 61	----

Connector combination **HDMI High Speed w/ Ethernet Adapter**			Low Cost	Basic	Classic	Premium
HDMI type A jack	⇔	type A jack	----	----	p. 61	p. 62
HDMI type A plug	⇔	type A jack	----	----	p. 61	----
HDMI type A plug 90°	⇔	type A jack	----	----	p. 62	p. 63
HDMI type A plug	⇔	type C jack	----	----	p. 63	----
HDMI type C plug	⇔	type A jack	----	----	p. 65	----

For further informations see page 52.

Spec Overview

DisplayPort

		Low Cost	Basic	Classic	Premium
Description	Category				
	Version	DisplayPort	DisplayPort	DisplayPort	DisplayPort
Features	UL-conform	No	Yes	Yes	Yes
	HDCP + DPCP transmission capable	Yes	Yes	Yes	Yes
	Max. recommended resolution	2560 x 1600	2560 x 1600	2560 x 1600	2560 x 1600
	Plug and Play	Yes	Yes	Yes	Yes
	Housing	Plastic	Plastic	Plastic	Plastic
	Interlock	No	No	Yes	Yes
	Shielding	Shielded	Double shielded	Double shielded	Double shielded
	Connector	Nickel plated	Nickel plated	Nickel plated	Gold flash
	Ferrit core	----	----	----	----
Construction details	Twisted Pairs	Yes	Yes	Yes	Yes
	AWG-Number	AWG 28	AWG 30	AWG 30 / (28 extension cable)	AWG 30 / (28 extension cable)
	Conductor Material	CCS	CU	CU	CU
	Covered contacts	Gold flash	Gold flash	Gold flash	Gold flash
	Shielding	Foil	Foil + Braid	Foil + Braid	Foil + Braid
		Variable	Seperate	Seperate	Seperate
	Foil Material	AL / Mylar	AL / Mylar	AL / Mylar	AL / Mylar
	Braid Material	----	AL 85%	AL 85%	AL 85%

DisplayPort

		Low Cost	Basic	Classic	Premium
Description	Category				
	Version	Mini DisplayPort	Mini DisplayPort	Mini DisplayPort	Mini DisplayPort
Features	UL-conform	No	Yes	Yes	Yes
	HDCP + DPCP transmission capable	Yes	Yes	Yes	Yes
	Max. recommended resolution	2560 x 1600	2560 x 1600	2560 x 1600	2560 x 1600
	Plug and Play	Yes	Yes	Yes	Yes
	Housing	Plastic	Plastic	Plastic	Plastic
	Interlock	No	No	Yes	Yes
	Shielding	Shielded	Double shielded	Double shielded	Double shielded
	Connector	Nickel plated	Nickel plated	Nickel plated	Gold flash
	Ferrit core	----	----	----	----
Construction details	Twisted Pairs	Yes	Yes	Yes	Yes
	AWG-Number	AWG 28	AWG 32	AWG 32	AWG 32
	Conductor Material	CCS	CU	CU	CU
	Covered contacts	Gold flash	Gold flash	Gold flash	Gold flash
	Shielding	Foill	Foil + Braid	Foil + Braid	Foil + Braid
		Variable	Seperate	Seperate	Seperate
	Foil Material	AL / Mylar	AL / Mylar	AL / Mylar	AL / Mylar
	Braid Material	----	AL 85%	AL 85%	AL 85%

DisplayPort

		Low Cost	Basic	Classic	Premium
Description	Category				
	Version	DisplayPort	DisplayPort	DisplayPort	DisplayPort
Features	UL-conform	No	Yes	Yes	Yes
	HDCP + DPCP transmission capable	No	Yes	Yes	Yes
	Housing	Plastic	Platic	Platic	Plastic
	Interlock	No	No	Yes	Yes
	Shielding	Unshielded	Shielded	Shielded	Shielded
	Connector	Nickel plated	Nickel plated	Nickel plated	Gold flash
Construction details	Covered contacts	Gold flash	Gold flash	Gold flash	Gold flash
	Shielding	Foil	Foil	Foil	Foil
		Overall	Overall	Overall	Overall
	Foil Material	AL / Mylar	AL / Mylar	AL / Mylar	AL / Mylar

For further informations see page 66.



For further informations see page 66

Finder

Connector combination **DisplayPort (DP) Adapter**			Low Cost	Basic	Classic	Premium
DP jack	⇔	DP jack	----	----	p. 69	----
DP plug	⇔	HDMI type A jack	----	----	p. 69	----
DP plug	⇔	DVI-I(24+5) jack	----	----	p. 69	----
DP plug	⇔	HD15 jack	----	----	p. 70	----

Connector combination **DisplayPort (DP) Cable**			Low Cost	Basic	Classic	Premium
DP plug	⇔	DP plug	----	----	p. 68	----
DP plug	⇔	DP jack	----	----	p. 68	----
DP plug	⇔	HDMI type A jack	----	----	p. 69	----
DP plug	⇔	DVI-D(24+1) plug	----	----	p. 68	----
DP plug	⇔	DVI-I(24+5) jack	----	----	p. 69	----
DP plug	⇔	Mini DP jack	----	----	p. 69	----
DP plug	⇔	HD15 jack	----	----	p. 70	----

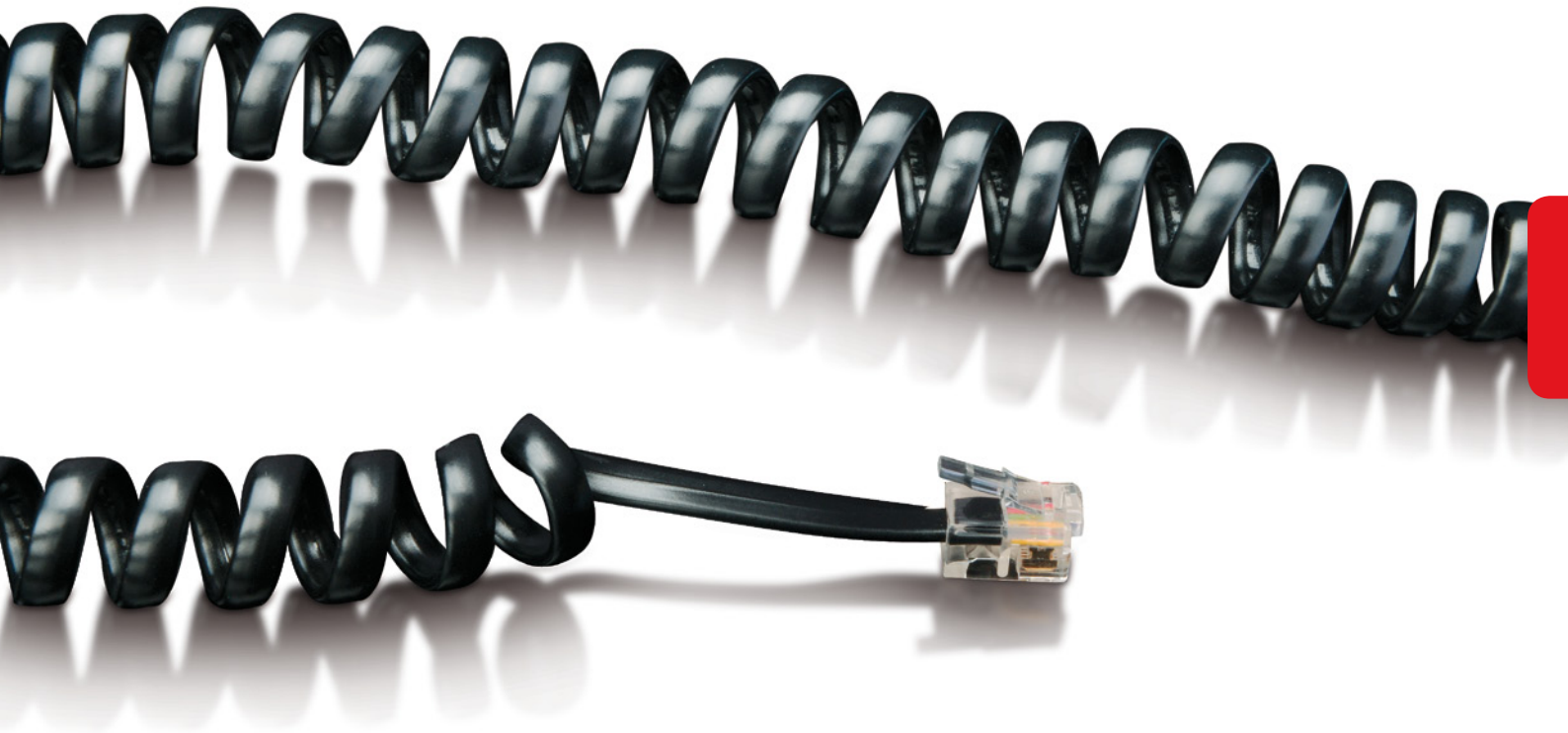
Connector combination **Mini DisplayPort (Mini DP) Adapter**			Low Cost	Basic	Classic	Premium
Mini DP plug	⇔	DP jack	----	----	p. 74	----

Connector combination **Mini DisplayPort (Mini DP) Cable**			Low Cost	Basic	Classic	Premium
Mini DP plug	⇔	Mini DP plug	----	----	p. 72	----
Mini DP plug	⇔	DP plug	----	----	p. 72	----
Mini DP plug	⇔	DVI-D(24+1) plug	----	----	p. 72	----
Mini DP plug	⇔	HDMI type A jack	----	----	p. 73	----
Mini DP plug	⇔	DVI-I(24+5) jack	----	----	p. 73	----
Mini DP plug	⇔	DP jack	----	----	p. 73	----
Mini DP plug	⇔	HD15 jack	----	----	p. 74	----
Mini DP plug	⇔	HDMI type A jack + DP jack + DVI-I(24+5) jack	----	----	p. 74	----

For further informations see page 66.

For more information visit www.ASSMANN.com

04 // Telephone Cables & Adapters



161 – 168

Telephone Cables 162
Telephone Adapters 163

Telephone Cables

UAE modular connection cable, RJ10, 4P4C, helic version

- Modular plug RJ10, 4P4C <=> Modular plug RJ10, 4P4C
- Plastic plugs, transparent
- Assignment 1:1
- 4-wire helix cable
- Color: black



246183 / **AK-117001**	2,0 m
246213 / **AK-117002**	4,0 m

UAE modular connection cable, RJ10, 4P4C, helic version

- Modular plug RJ10, 4P4C <=> Modular plug RJ10, 4P4C
- Plastic plugs, transparent
- Assignment 1:1
- 4-wire helix cable
- Color: white



246220 / **AK-117003**	2,0 m
246237 / **AK-117004**	4,0 m

UAE modular connection cable, RJ11, 6P4C

- Modular plug RJ11, 6P4C <=> Modular plug RJ11, 6P4C
- Plastic plugs, transparent
- Assignment 2-2, 3-3, 4-4, 5-5
- 4-wire flat cable
- Color: black



246305 / **AK-117015**	3,0 m
246312 / **AK-117016**	6,0 m
246329 / **AK-117017**	10,0m
246381 / **AK-117018**	15,0 m
246398 / **AK-117019**	20,0 m

TAE connection cable, F coded, german pin assignment

- TAE F plug <=> Modular plug, RJ11, 6P4C
- Plastic housing
- German pin assignment 1-5, 2-2, 3-4, 4-3
- 4-wire flat cable
- Color: black



004455 / **AK TAE-F03**	3,0 m
051558 / **AK TAE-F06**	6,0 m
051572 / **AK TAE-F10**	10,0m

TAE connection cable, N coded, german pin assignment

- TAE plug, N coded <=> Modular plug 6P4C
- Plastic housing
- 1 - 6 / 2 - 5 bridged (Germany)
- 2-wire cable
- Color: black



058229 / **AT-35023**	3,0 m
082163 / **AT-35024**	6,0 m

TAE adapter

- TAE plug <=> TAE NFN jack + RJ11 6P4C jack
- Plastic housing
- Color: white



248439 / **AK-418006**	TAE adapter

Telefon Adapter

ADSL adapter, Italy

- Italy plug <=> Italy jack + RJ11 jack
- Plastic housing
- Color: black



246619 / **AK-420007** ADSL adapter, Italy

UAE modularadapter RJ45, 8P8C

- Modular jack RJ45, 8P8C <=> Modular jack RJ45, 8P8C
- Plastic housing
- Assignment 1:1
- Color: black



247371 / **AK-417006** UAE modularadapter RJ45, 8P8C

Modular coupler

- 2 x RJ female
- RJ12 6P6C, unshielded
- Assignment 1:1
- Plastic housing
- Color white
- Material PCB: FR4, 1,2mm thickness
- Contacts coating: Nickel, gold plated 0,6µ
- Mating cycles: ≥ 750
- Operating temperature: -40°C ~ +80°C

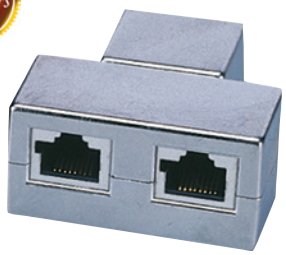


066552 / **AT-A 6/6** Modular-Coupling, RJ 12 6P6C, unshielded
066569 / **AT-A 8/8** Modular-Coupling, RJ 45, 8P8C, unshielded

CAT 5e modular couplings, shielded

- CAT 5e Modular-Coupling, 3 x RJ45 female, shielded
- 8P8C
- Assignment: CAT 5e, 1:1 assigned
- Material enclosure: ABS non halogen, UL 94 V0
- Material surface: Copper with shining Nickel
- Material PCB: FR4, 1,2mm thickness
- Material contacts: Phosphor bronze
- Contacts coating: Nickel, gold plated 0,6µ
- Mating cycles: ≥ 750
- Operating temperature: -40°C ~ +80°C

CLASSIC



066576 / **AT-AG 2X8/8**	CAT 5e Modular-Coupling, 3 x RJ45 female, shielded
266488 / **DN-93901**	CAT 5e RJ45 Modular Coupling

CAT 6 modular couplers, shielded

Tested according to Link Performance CLASS E for up to 250MHz

- 2 x RJ-45 female
- Shielded version
- Material enclosure: ABS non halogen, UL 94 V0
- Material PCB: FR4, 1,2mm thickness
- Contacts coating: Nickel, gold plated 0,6µ
- Material contacts: Phosphor bronze
- Mating cycles: ≥ 750
- Operating temperature: -40°C ~ +80°C

CLASSIC



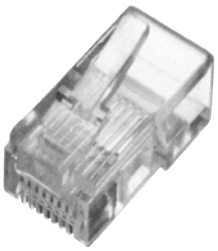
132806 / **AT-AG6 8/8**	CAT 6 Modular-Coupling, 8P8C
132813 / **AT-AG6 8/8CROSS**	CAT 6 Modular-Coupling, 8P8C, Crossover

Modular plugs for round cable

These modular plugs can be used to establish quick and simple connections.Easy assembly by modular crimping tool DN-94004

- CAT 3
- RJ12 6P6C
- Unshielded
- Mating cycles: ≥ 750
- Insertion force: ≤ 20N
- Material contacts: Phosphor bronze
- Contacts coating: Nickel, gold plated 0,6µ
- Material connector body: Polycarbonat, clear
- Diameter Cu-Conductor: AWG (27/7 ... 24/7)
- Temperature range: -40°C ... +80°C
- Diameter outer jacket: 3,2 ... 5,5mm
- Current carrying capacity: 1,5A at 50°C
- Flammability Rating: UL94V-2

CLASSIC



057956 / **A-MO 6/4 SR**	RJ12 6P4C, Unschielded
065173 / **A-MO 8/8 SR**	RJ45 8P8C, unshielded
065180 / **A-MO 8/8 SRS**	Modular plug for round cables, RJ45 8P8C, shielded, CAT 5e

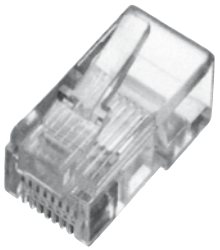
Telephone Adapter

Modular plugs for flat cable

These modular plugs can be used to establish quick and simple connections.Easy assembly by modular crimping tool DN-94004

- CAT 3
- RJ10 4P4C
- Unshielded
- Mating cycles: ≥ 750
- Insertion force: ≤ 20N
- Material contacts: Phosphor bronze
- Contacts coating: Nickel, gold plated 0,6µ
- Material connector body: Polycarbonat, clear
- Diameter Cu-Conductor: AWG (27/7 ... 24/7)
- Temperature range: -40°C ... +80°C
- Diameter outer jacket: 2,0 ... 3,5mm
- Current carrying capacity: 1,5A at 50°C
- Flammability Rating: UL94V-2

CLASSIC



065104 / **A-MO 4/4 SF**	Modular plug for flat cables, RJ10 4P4C, unshielded
065111 / **A-MO 6/4 SF**	Modular plug for flat cables, RJ14 6P4C, unshielded
065135 / **A-MO 6/6 SF**	Modular plug for flat cables, RJ12 6P6C, unshielded
065159 / **A-MO 8/8 SF**	Modular plug for flat cables, RJ45 8P8C, unshielded

CAT 6 Modular plugs for round cable

These modular plugs can be used to establish quick and simple connections.Easy assembly by modular crimping tool DN-94004

- RJ45 8P8C
- Unshielded
- UL certified
- Insertion force: ≤ 30N
- Mating cycles: ≥ 750
- Material contacts: Phosphor bronze
- Contacts coating: Nickel, gold plated 0,8µ
- Material connector body: Polycarbonat, clear
- Diameter Cu-Conductor: AWG (27/7 ... 24/7)
- Diameter outer jacket: 5,5 ... 6,2mm
- Temperature range: -40°C ... +70°C
- Current carrying capacity: 1A at 50°C

CLASSIC



273578 / **AK-219601**	CAT 6 Modular plugs for round cable, unshielded

Shielded,Hirose Quality Plug TM 11

These modular plugs can be used to establish quick and simple connections.Easy assembly by modular crimping tool DN-94008

- Fully shielded with strain relief and kink protection boot (black)
- RJ45 (8/8) modular plug for round cable
- Kink Protection Boot, black
- Mating cycles: ≥ 750
- Insertion force: ≤ 30N
- Material contacts: Phosphor bronze
- Contacts coating: Nickel, gold plated 0,8µ
- Material connector body: Polycarbonat, clear
- Material shielding housing: Brass 0,5mm, nickel plated 2µ
- Diameter Cu-Conductor: AWG (27/7 ... 24/7)
- Diameter outer jacket: 5,5 ... 6,2mm
- Temperature range in operation: -20°C - +60°C
- Current carrying capacity: 1A at 50°C
- Flammability Rating: UL94V-2

CLASSIC



065142 / **A-MO 8/8 HRS**	Modular plug, CAT 5e, TM11 incl. cumb and boot
132943 / **A-MO6 8/8 HRS**	Modular plug, CAT 6, TM 21, inkl. Comb and Boot

CAT 5e Patch cable adapters, shielded

- Assignment: CAT 5e, 1:1 assigned
- 2x RJ45 Female to 1x RJ45 Male
- Length 0.19m
- Material enclosure: ABS non halogen, UL 94 V0
- Material surface: Copper with shining Nickel
- Material PCB: FR4, 1,2mm thickness
- Material IDC Terminal: Phosphor Bronze with 50µ Tin plated over 60µ Nickel plated
- Mating cycles: ≥ 750
- Operating temperature: -40°C ~ +80°C



066590 / **AT-AG CX2**	CAT 5e Patch Cable Adapter, 2 x RJ45 female, shielded

Kink protection boot for RJ45 plugs

- For 8P8C RJ45 modular plugs
- Suitable for shielded and non-shielded modular plugs
- with latch protection
- Operating temperature: -40°C ~ +70°C



065197 / **A-MOT 8/8**	Kink Protection Boot, black
065203 / **A-MOT/B 8/8**	Kink Protection Boot, blue
065210 / **A-MOT/E 8/8**	Kink Protection Boot, grey
065234 / **A-MOT/R 8/8**	Kink Protection Boot, red
065227 / **A-MOT/G 8/8**	Kink Protection Boot, green
065241 / **A-MOT/Y 8/8**	Kink Protection Boot, yellow

CAT 5e Connection module for Twisted Pair Cables

The DIGITUS® Connection module is for the purpose of connecting or extention of Twisted Pair Cables.

- Material enclosure: ABS non halogen, UL 94 V0
- Connection over LSA strips
- Integrated strain relief
- Shielded
- LSA EIA/TIA 568 A & B
- Cable entry: up to 6,8mm
- Diameter Cu-Conductor: AWG (26/1 ... 22/1)
- Temperature range: -40°C ... +80°C
- Current carrying capacity: 1A at 50°C
- Material IDC Terminal: Phosphor Bronze with 50µ Tin plated over 60µ Nickel plated
- Material PCB: FR4, 1,2mm thickness
- Workable with 110- and KRONE LSA punch down tools



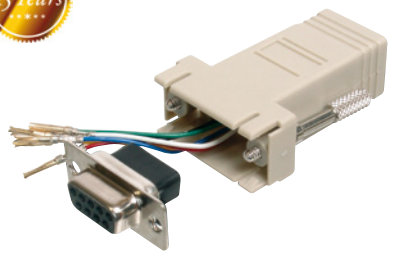
266495 / **DN-93902**	CAT 5e Connection module for Twisted Pair Cables
132837 / **AT-ALSA6-M**	CAT 6 Connection Box, metal

Telephone Adapter

D-Sub modular adapter

- Free selectable assignment
- RJ <=> DSUB
- PVC housing, color beige

CLASSIC

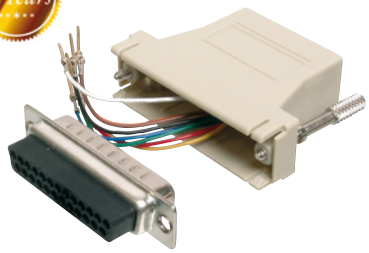


066439 / **AT-23065**	D-Sub 9-pin jack <=> RJ12
066446 / **AT-23066**	D-Sub 9-pin plug <=> RJ45
066453 / **AT-23067**	D-Sub 9-pin jack <=> RJ45

D-Sub25 modular adapter

- Free selectable assignment
- PVC housing, color beige

CLASSIC



066415 / **AT-23054**	D-Sub 25-pin plug <=> RJ45

DIGITUS® RJ45 retractable connector cable

The patch-cable that fits in any pocket - the perfect travel accessory

- Rollable RJ45 connection cable
- Suitable to connect e.g. computers with a network
- Suitable for service people and engineers
- Ideal when on the move (e.g. travelling, with notebooks)
- 2 x RJ45 plug; 1.2m retractable wire

BASIC



170341 / **DA-RET-RJ45**	Retractable UAE connection cable, RJ45/M - RJ45/M, 1.2m

05 // TV/SAT Cables & Adapters



169 – 174

TV/SAT Cables 170
TV/SAT Adapters 171
TV/SAT Raw 173
TV/SAT Installation Cables 174

TV/SAT Cables

TV coaxial connection cable, 75 Ohm

- IEC 9.5mm plug straight <=> IEC 9.5mm jack straight
- Inner conductor: CCS 0.5mm
- 1st shielding: doubled AL foil
- 2nd shielding: braid 96x0.12mm
- Shielding attenuation: 90dB
- Color: white



141815 / **AK-TVSB-001-S**	1,5 m
141822 / **AK-TVSB-002-S**	2,5 m
141839 / **AK-TVSB-005-S**	5,0 m
141846 / **AK-TVSB-010-S**	10.0 m

TV coaxial connection cable, 75 Ohm

- IEC 9.5mm plug straight <=> IEC 9.5mm jack angled
- Inner conductor: CCS 0.5mm
- 1st shielding: doubled AL foil
- 2nd shielding: braid 96x0.12mm
- Shielding attenuation: 90dB
- Color: white



141778 / **AK-TVSBW-001-S**	1,5 m
141785 / **AK-TVSBW-002-S**	2,5 m
141792 / **AK-TVSBW-005-S**	5,0 m
141808 / **AK-TVSBW-010-S**	10.0 m

SAT coaxial Antenna connection cable, 75 OHM

- F-plug straight <=> F-plug straight
- Inner conductor: CCS 1.1mm
- 1st shielding: doubled AL foil
- 2nd shielding: braid 96x0.12mm
- Shielding attenuation: 90dB
- Color: white



141730 / **AK-SAT-001-S**	1,5 m
141747 / **AK-SAT-002-S**	2,5 m
141754 / **AK-SAT-005-S**	5,0 m
141761 / **AK-SAT-010-S**	10.0 m

Coaxial plug, 9.5 mm

- Plastic housing
- Shielding attenuation: 75dB
- Screwable
- Straight design
- Color: white

BASIC



141952 / **A-TVSG-S** A-TVSG-S

Coaxial plug, 9.5 mm

- Plastic housing
- Straight design
- Shielding attenuation: 75dB
- Screwable
- Color: white

BASIC



141921 / **A-TVBG-S** A-TVBG-S

Coaxial Male, 9.5 mm, angled

- Shielding attenuation: 75dB
- Screwable
- Color: white

BASIC



141938 / **A-TVBW-S** A-TVBW-S

TV/SAT Adapter

F-Plug, 6.8 mm

- Plug length 20mm, milled version
- Cable diameter: 6.8mm
- Twist-on diameter: 6.57mm
- Dielectric diameter: 4.80mm
- Without rings
- Nickel plated design



141891 / **A-SATS-068-S** A-SATS-068-S

F-Socket

- F-Socket <=> F-Socket



141884 / **A-SATKV-BB-S** A-SATKV-BB-S

Modular flat cable

- Modular cable unshielded, AWG26
- Flat cable with 4, 6, or 8 wires (D-shape)
- 100m per reel
- Color: black with color coded wires
- Other lengths per reel, versions, and colors on request



066767 / **AT-K 1801 100M**	4-wires
186472 / **AT-K 1802 100M-1**	6-wires
066781 / **AT-K 1803 100M**	8-wires

TV coaxial raw cable, 75 Ohm

Attenuation at 20°C in dB/100m (in average):
100MHz - 7.0dB
200MHz - 10.6dB
300MHz - 12.3dB
500MHz - 16.5dB
800MHz - 22.2dB
1000MHz - 25.0dB
1350MHz - 30.8dB
1750MHz - 34.5dB
2050MHz - 38.5dB

- Jacket material: PVC
- Jacket diameter: 6.6mm
- Inner conductor: CU 0.7mm
- Insulation: PE 4.4mm
- 1st shielding: AL foil double-lined
- 2nd shielding: CU braid 48x 0.12mm
- Shielding attenuation: 80dB
- Ring packed
- Color: white



266594 / **AK-007006**	25,0 m
266600 / **AK-007008**	100,0 m

SAT coaxial raw cable, 75 Ohm

Attenuation at 20°C in dB/100m (in avarage):
100MHz - 5.9dB
200MHz - 7.9dB
300MHz - 10.0dB
500MHz - 13.6dB
800MHz - 17.4dB
1000MHz - 19.8dB
1350MHz - 23.9dB
1750MHz - 26.9dB
2050MHz - 30.8dB

- Jacket material: PVC
- Jacket diameter: 6.8mm
- Inner conductor: CU 1.1mm
- Insulation: Cell PE 5.0mm
- 1. Shielding: AL foil double-lined
- 2. Shielding: AL braid 96x 0.12mm
- Impedance: 75Ω
- Screening factor: > 90dB
- Ring packed
- Color: white



266563 / **AK-007001**	25,0 m
266570 / **AK-007002**	50,0 m
266587 / **AK-007004**	100,0 m

Raw Cables

Loudspeaker installation cable, transparent

Cable cross section: 1.5qmm

- 2-wire cable, CU, unshielded, PVC jacket
- Length: 100m on spool
- Color: transparent

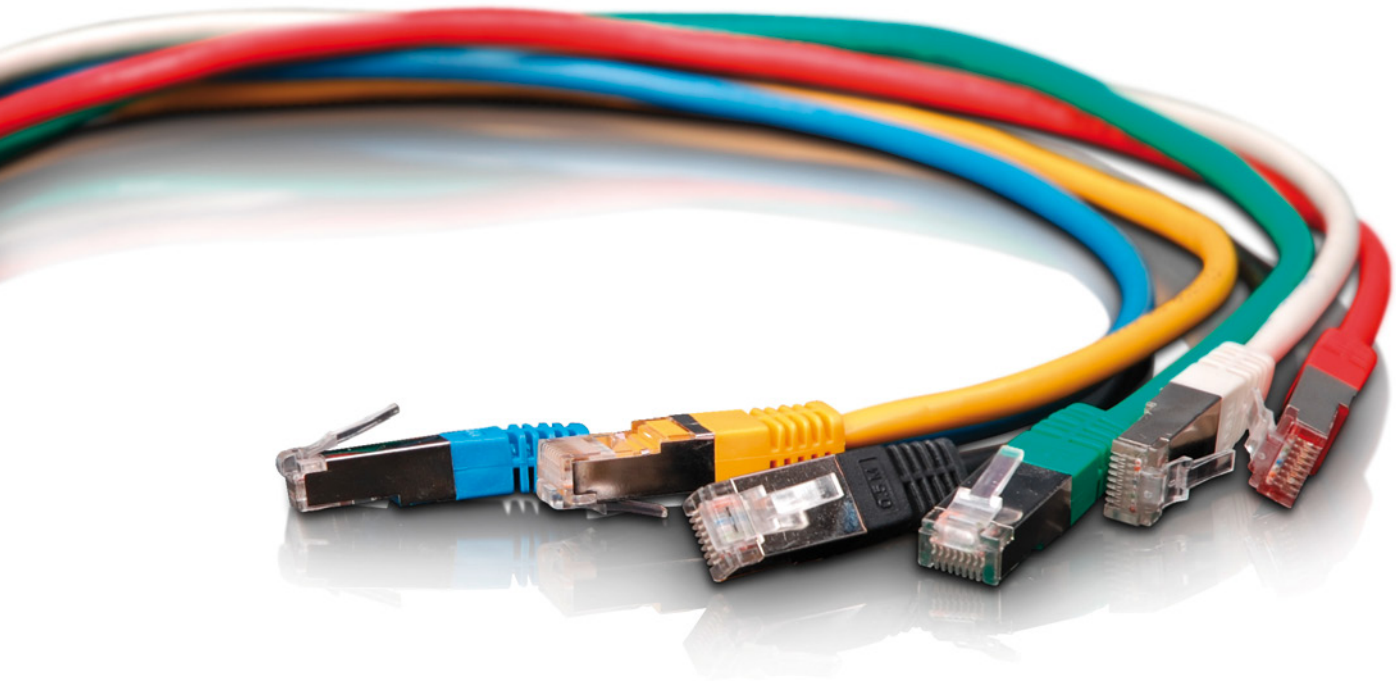


CLASSIC



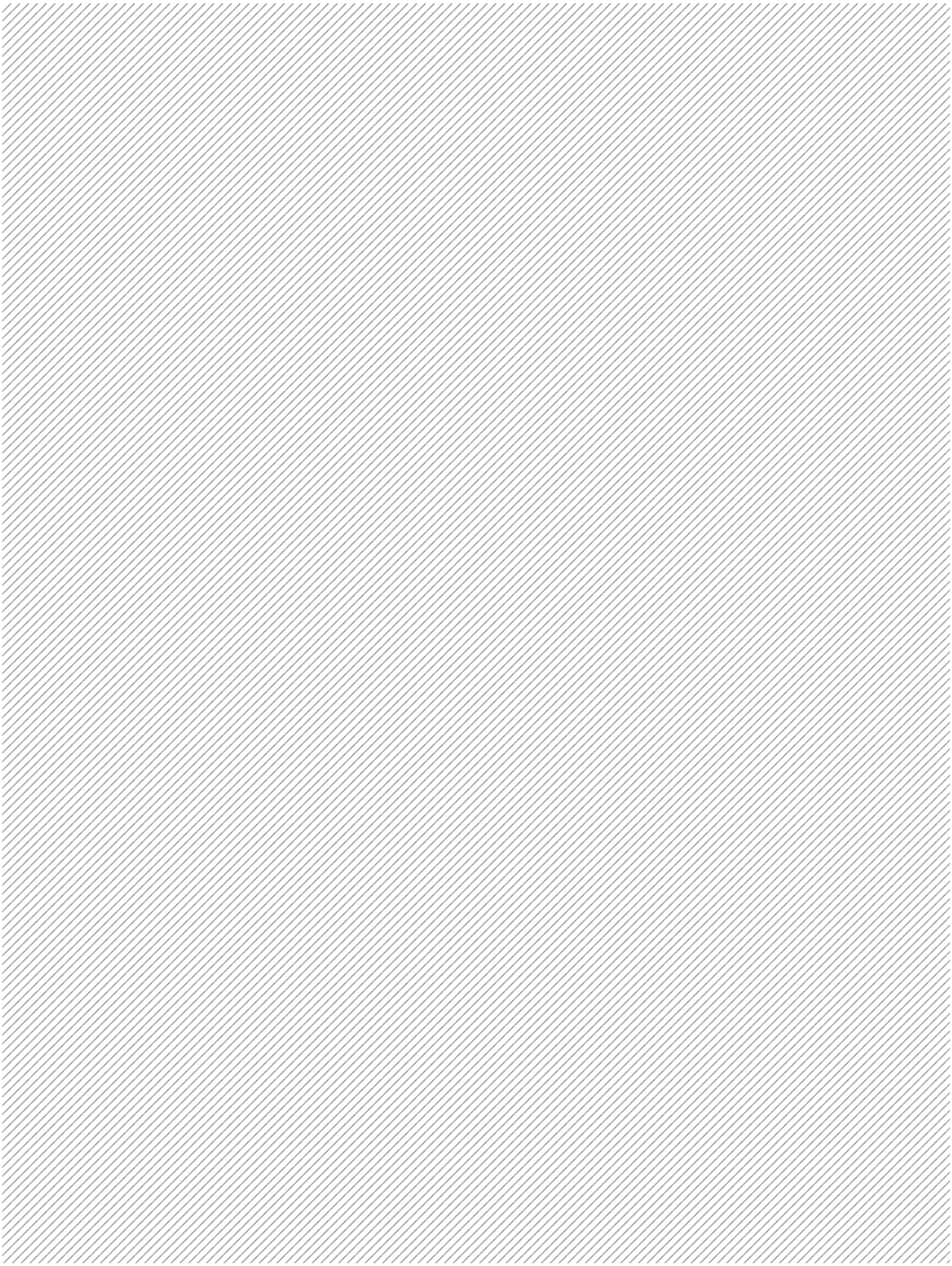
110217 / **AK-AV 400**
110767 / **AK-AV 401**

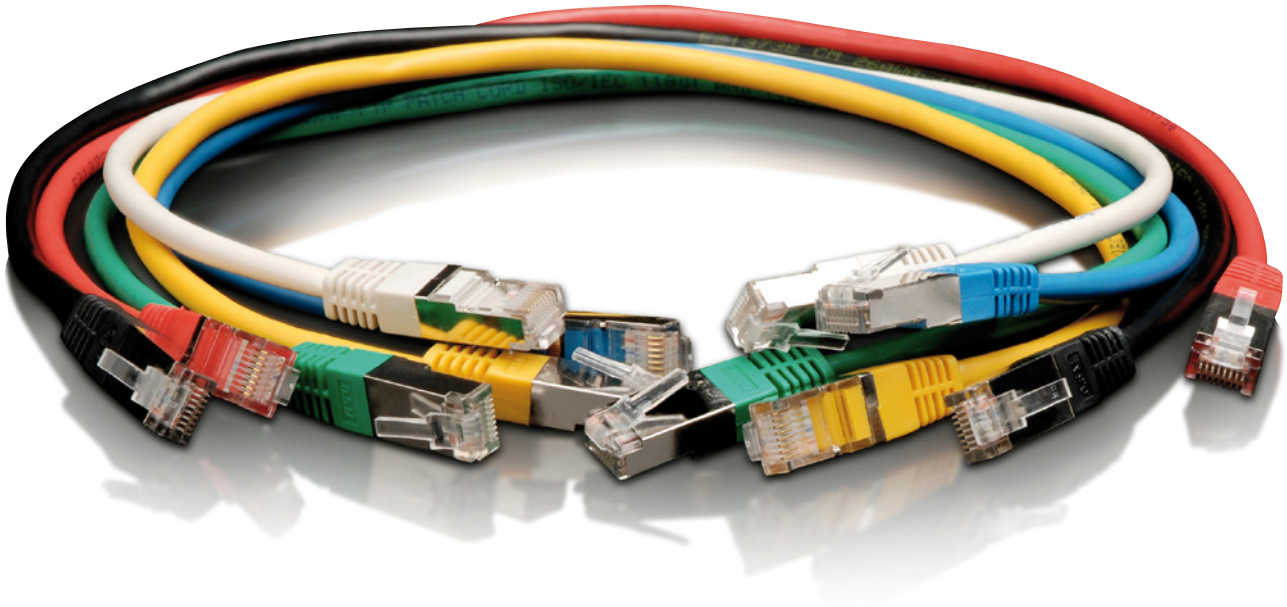
06 // Patch Cables, Raw Cables & Fiber Optic



175 – 214

06.01 Patch Cables 177
06.02 Raw Cables 187
// Twisted Pair Installation Cables 188
// Twisted Pair Patch Cables..... 195
06.03 Fiber Optic..... 199
// Fiber Optic Cables 200
// Fiber Optic Installation Cables..... 205
// Universal Fiber Optic-Cables..... 207
// Fiber-Optic Installation Cables..... 209
// Fiber Optic Pigtails..... 210
// Fiber-Optic Couplers + Connectors..... 212





Finder

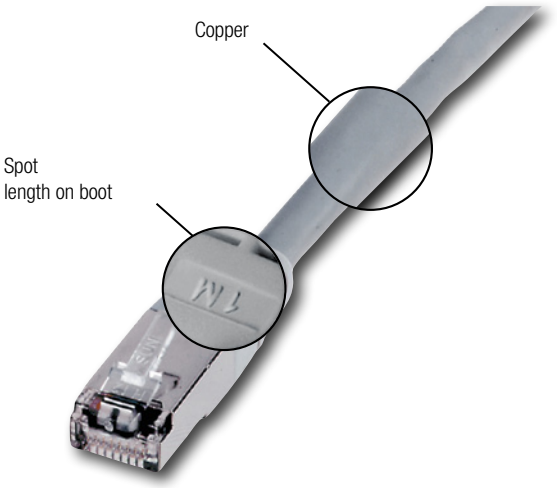
Connector combination **Patch Cables**				Low Cost	Basic	Classic	Premium
	U-UTP						
CAT.5	RJ45 8P8C plug	⇔	RJ45 8P8C plug	----	p. 185	p. 194	----
CAT.6	RJ45 8P8C plug	⇔	RJ45 8P8C plug	----	----	p. 181	----
CAT.6A	RJ45 8P8C plug	⇔	RJ45 8P8C plug	----	----	----	----
	F-UTP						
CAT.5	RJ45 8P8C plug	⇔	RJ45 8P8C plug	----	p. 185		----
CAT.6	RJ45 8P8C plug	⇔	RJ45 8P8C plug	----	----	----	----
CAT.6A	RJ45 8P8C plug	⇔	RJ45 8P8C plug	----	----	----	----
	SF-UTP						
CAT.5	RJ45 8P8C plug	⇔	RJ45 8P8C plug	----	p. 186	p. 183	----
CAT.6	RJ45 8P8C plug	⇔	RJ45 8P8C plug	----	----	----	----
CAT.6A	RJ45 8P8C plug	⇔	RJ45 8P8C plug	----	----	----	----
	S-FTP						
CAT.5	RJ45 8P8C plug	⇔	RJ45 8P8C plug	----	----	----	----
CAT.6	RJ45 8P8C plug	⇔	RJ45 8P8C plug	----	----	p. 179	----
CAT.6A	RJ45 8P8C plug	⇔	RJ45 8P8C plug	----	----	----	----

Patch Cable, CAT 6 Class E S-FTP

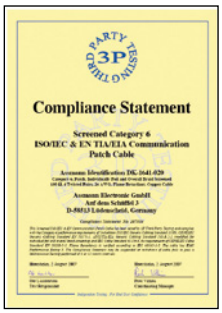
DIGITUS® Premium CAT 6 S-FTP patch cable

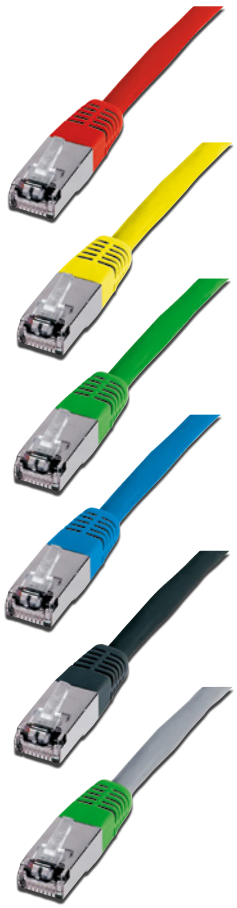
Ready for PoE

- Pairs with foil and full braid shilding (PIMF) patch cables
- 4 x 2 x AWG 26/7, twisted pair, 100 Ohm
- 2 x RJ45 shielded connectors
- Boot with kink protection and strain relief
- Spot length on boot
- Connection 1 : 1
- Qualified for 1 Gbit Ethernet
- Ready for PoE









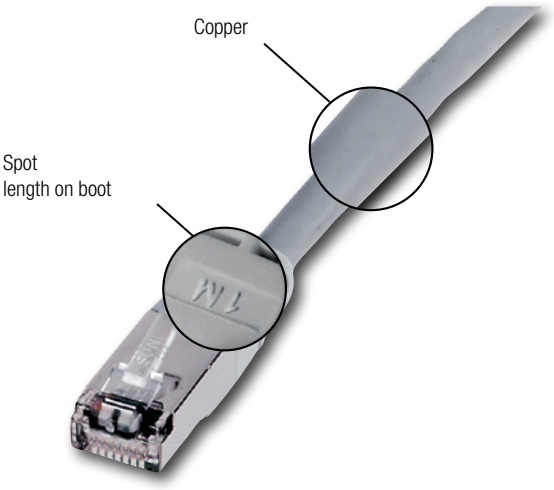
Please choose your requested product by the corresponding article number or the EAN code.

	grey	red	yellow	green	blue	black	white	crossover
0,25 m	DK-1641-0025 288657	DK-1641-0025/R 288695	DK-1641-0025/Y 288701	DK-1641-0025/G 288688	DK-1641-0025/B 288664	DK-1641-005/BL 288671	DK-1641-0025/WH 288718	
0,5 m	DK-1641-005 214922	DK-1641-005/R 215059	DK-1641-005/Y 215066	DK-1641-005/G 215042	DK-1641-005/B 214939	DK-1641-005/BL 215035		DK-1641-005-CO 215912
1,0 m	DK-1641-010 214946	DK-1641-010/R 215103	DK-1641-010/Y 215110	DK-1641-010/G 215097	DK-1641-010/B 215073	DK-1641-010/BL 215080		DK-1641-010-CO 215929
2,0 m	DK-1641-020 214953	DK-1641-020/R 215165	DK-1641-020/Y 215172	DK-1641-020/G 215158	DK-1641-020/B 215127	DK-1641-020/BL 215141		DK-1641-020-CO 215936
3,0 m	DK-1641-030 214960	DK-1641-030/R 215219	DK-1641-030/Y 215226	DK-1641-030/G 215202	DK-1641-030/B 215189	DK-1641-030/BL 215196		DK-1641-030-CO 215943
5,0 m	DK-1641-050 214977	DK-1641-050/R 215264	DK-1641-050/Y 215271	DK-1641-050/G 215257	DK-1641-050/B 215233	DK-1641-050/BL 215240		DK-1641-050-CO 215950
7,0 m	DK-1641-070 214984	DK-1641-070/R 215301	DK-1641-070/Y 215318	DK-1641-070/G 215295	DK-1641-070/B 215288	DK-1641-070/BL 215325		DK-1641-070-CO 215967
10,0 m	DK-1641-100 214991	DK-1641-100/R 215363	DK-1641-100/Y 215370	DK-1641-100/G 215356	DK-1641-100/B 215332	DK-1641-100/BL 215349		DK-1641-100-CO 215974
15,0 m	DK-1641-150 215004							DK-1641-150-CO 215981
20,0 m	DK-1641-200 215011							DK-1641-200-CO 215998
30,0 m	DK-1641-300 215028							DK-1641-300-CO 216001

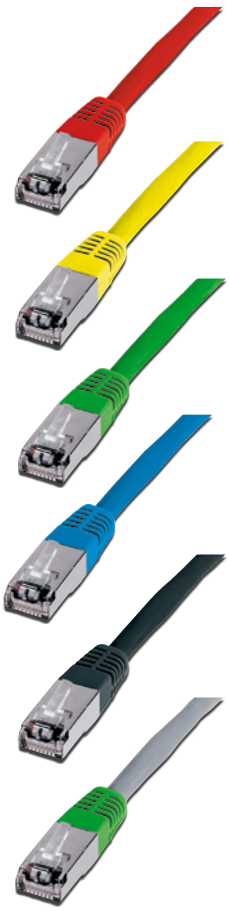
DIGITUS® Premium CAT 6 S-FTP LSOH patch cable

Ready for PoE

- Pairs with foil and full braid shilding (PIMF) patch cables
- 4 x 2 x AWG 26/7, twisted pair, 100 Ohm
- 2 x RJ45 shielded connectors
- Boot with kink protection and strain relief
- Spot length on boot
- Connection 1 : 1
- Qualified for 1 Gbit Ethernet
- Ready for PoE







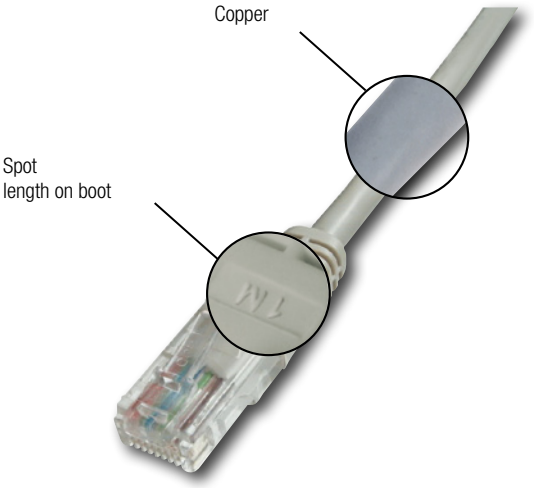
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0,5 m	DK-1643-005 82358	DK-1643-005/R 282327	DK-1643-005/Y 282310	DK-1643-005/G 282334	DK-1643-005/B 282341
1,0 m	DK-1643-010 282303	DK-1643-010/R 282273	DK-1643-010/Y 282266	DK-1643-010/G 282280	DK-1643-010/B 282297
2,0 m	DK-1643-020 282259	DK-1643-020/R 282228	DK-1643-020/Y 282211	DK-1643-020/G 282235	DK-1643-020/B 282242
3,0 m	DK-1643-030 282204	DK-1643-030/R 282174	DK-1643-030/Y 282167	DK-1643-030/G 282181	DK-1643-030/B 282198
5,0 m	DK-1643-050 282150	DK-1643-050/R 282129	DK-1643-050/Y 282112	DK-1643-050/G 282136	DK-1643-050/B 282143
7,0 m	DK-1643-070 282105	DK-1643-070/R 282075	DK-1643-070/Y 282068	DK-1643-070/G 282082	DK-1643-070/B 282099
10,0 m	DK-1643-100 282051	DK-1643-100/R 282020	DK-1643-100/Y 282013	DK-1643-100/G 282037	DK-1643-100/B 282044

Patch Cables, CAT 6 UTP LSOH

DIGITUS® Premium CAT 6 UTP LSOH patch cable

Ready for PoE

- Unshielded CAT 6 patch cables
- 4 x 2 AWG 26/7, twisted pair,
- 2 x RJ45 connectors
- Boot with kink protection and strain relief
- Spot length on boot
- Ready for PoE
- Connection 1 : 1







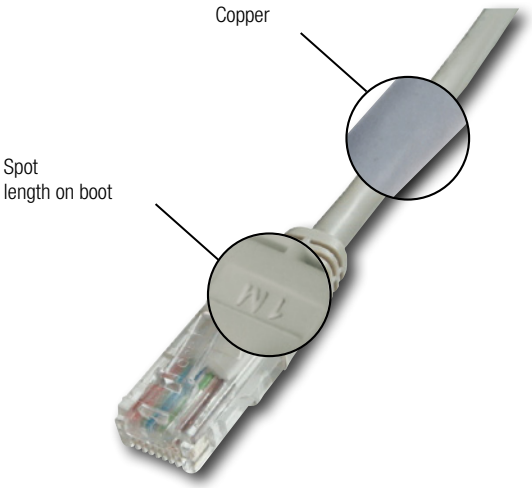
Please choose your requested product by the corresponding article number or the EAN code.

	grey	red	yellow	green	blue
0,5 m	DK-1613-005 281658	DK-1613-005/R 281689	DK-1613-005/Y 281696	DK-1613-005/G 281672	DK-1613-005/B 281665
1,0 m	DK-1613-010 281702	DK-1613-010/R 281733	DK-1613-010/Y 281740	DK-1613-010/G 281726	DK-1613-010/B 281719
2,0 m	DK-1613-020 281757	DK-1613-020/R 281788	DK-1613-020/Y 281795	DK-1613-020/G 281771	DK-1613-020/B 281764
3,0 m	DK-1613-030 281801	DK-1613-030/R 281832	DK-1613-030/Y 281849	DK-1613-030/G 281825	DK-1613-030/B 281818
5,0 m	DK-1613-050 281856	DK-1613-050/R 281887	DK-1613-050/Y 281894	DK-1613-050/G 281870	DK-1613-050/B 281863
7,0 m	DK-1613-070 281900	DK-1613-070/R 281931	DK-1613-070/Y 281948	DK-1613-070/G 281924	DK-1613-070/B 281917
10,0 m	DK-1613-100 281955	DK-1613-100/R 281986	DK-1613-100/Y 281993	DK-1613-100/G 281979	DK-1613-100/B 281962

DIGITUS® Premium CAT 6 U-UTP patch cable

Ready for PoE

- Unshielded CAT 6 patch cables
- 4 x 2 AWG 26/7, twisted pair, 100 Ohm
- 2 x RJ45 connectors
- Boot with kink protection and strain relief
- Spot length on boot
- Qualified for 1 Gbit Ethernet
- Ready for PoE
- Connection 1 : 1







Please choose your requested product by the corresponding article number or the EAN code.

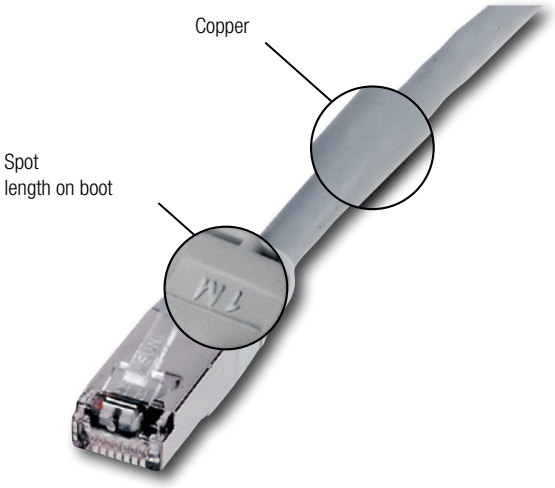
	grey	red	yellow	green	blue	black	white
0,5 m	DK-1611-005 214205	DK-1611-005/R 214335	DK-1611-005/Y 214359	DK-1611-005/G 214328	DK-1611-005/B 214304	DK-1611-005/BL 214311	DK-1611-005/WH 214342
1,0 m	DK-1611-010 214212	DK-1611-010/R 214380	DK-1611-010/Y 214410	DK-1611-010/G 214373	DK-1611-010/B 214366	DK-1611-010/BL 214403	DK-1611-010/WH 214397
2,0 m	DK-1611-020 214229	DK-1611-020/R 214458	DK-1611-020/Y 214472	DK-1611-020/G 214434	DK-1611-020/B 214427	DK-1611-020/BL 214441	DK-1611-020/WH 214465
3,0 m	DK-1611-030 214236	DK-1611-030/R 214519	DK-1611-030/Y 214533	DK-1611-030/G 214502	DK-1611-030/B 214489	DK-1611-030/BL 214496	DK-1611-030/WH 214526
5,0 m	DK-1611-050 214243	DK-1611-050/R 214571	DK-1611-050/Y 214595	DK-1611-050/G 214564	DK-1611-050/B 214540	DK-1611-050/BL 214557	DK-1611-050/WH 214588
7,0 m	DK-1611-070 214250	DK-1611-070/R 214632	DK-1611-070/Y 214649	DK-1611-070/G 214625	DK-1611-070/B 214601	DK-1611-070/BL 214618	DK-1611-070/WH 214656
10,0 m	DK-1611-100 214267	DK-1611-100/R 214694	DK-1611-100/Y 214717	DK-1611-100/G 214687	DK-1611-100/B 214663	DK-1611-100/BL 214670	DK-1611-100/WH 214700
15,0 m	DK-1611-150 214274						
20,0 m	DK-1611-200 214281						
30,0 m	DK-1611-300 214298						

Patch Cables, CAT 5e SF-UTP

DIGITUS® Premium CAT 5e SF-UTP patch cable

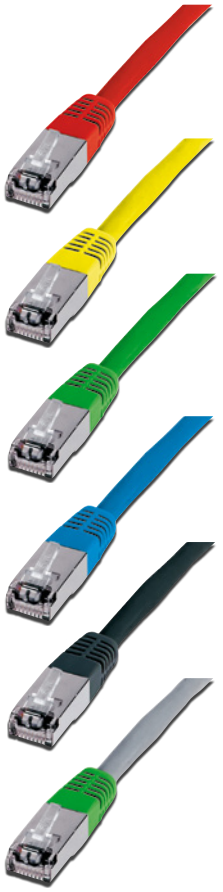
Ready for PoE

- Foil and braid shielded CAT 5e patch cables
- 4 x 2 AWG 26/7, twisted pair, 100 Ohm
- 2 x RJ45 connectors
- Boot with kink protection and strain relief
- Spot length on boot
- Qualified for 1 Gbit Ethernet
- Ready for PoE









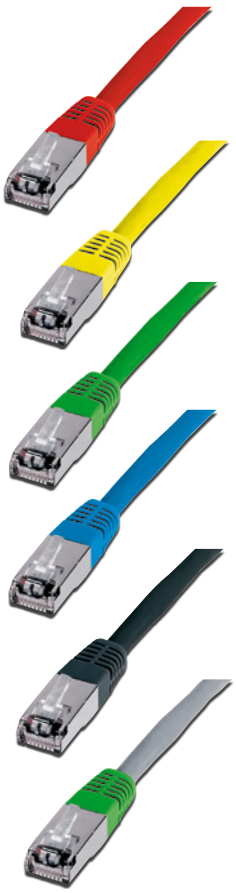
Please choose your requested product by the corresponding article number or the EAN code.

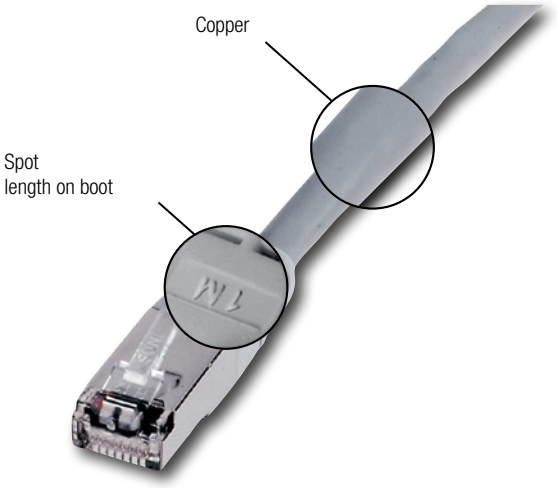
	grey	red	yellow	green	blue	black	white	crossover
0,25 m	DK-1531-0025 288589	DK-1531-0025/R 288626	DK-1531-0025/Y 288633	DK-1531-0025/G 288619	DK-1531-0025/B 288596	DK-1531-0025/BL 288602	DK-1531-0025/WH 288640	
0,5 m	DK-1531-005 212249	DK-1531-005/R 213734	DK-1531-005/Y 213741	DK-1531-005/G 213727	DK-1531-005/B 213703	DK-1531-005/BL 213710		DK-1531-005-CO 215820
1,0 m	DK-1531-010 213079	DK-1531-010/R 213789	DK-1531-010/Y 213796	DK-1531-010/G 213772	DK-1531-010/B 213758	DK-1531-010/BL 213765		DK-1531-010-CO 215905
2,0 m	DK-1531-020 213086	DK-1531-020/R 213833	DK-1531-020/Y 213840	DK-1531-020/G 213819	DK-1531-020/B 213802	DK-1531-020/BL 213826		DK-1531-020-CO 215837
3,0 m	DK-1531-030 213093	DK-1531-030/R 213888	DK-1531-030/Y 213895	DK-1531-030/G 213864	DK-1531-030/B 213857	DK-1531-030/BL 213871		DK-1531-030-CO 215844
5,0 m	DK-1531-050 213109	DK-1531-050/R 213932	DK-1531-050/Y 213949	DK-1531-050/G 213925	DK-1531-050/B 213901	DK-1531-050/BL 213918		DK-1531-050-CO 215851
7,0 m	DK-1531-070 213116	DK-1531-070/R 213987	DK-1531-070/Y 213994	DK-1531-070/G 213970	DK-1531-070/B 213956	DK-1531-070/BL 213963		
10,0 m	DK-1531-100 213123	DK-1531-100/R 214038	DK-1531-100/Y 214045	DK-1531-100/G 214021	DK-1531-100/B 214007	DK-1531-100/BL 214014		DK-1531-100-CO 215868
15,0 m	DK-1531-150 213130	DK-1531-150/R 214083	DK-1531-150/Y 214090	DK-1531-150/G 214076	DK-1531-150/B 214052	DK-1531-150/BL 214069		DK-1531-150-CO 215875
20,0 m	DK-1531-200 213147	DK-1531-200/R 214137	DK-1531-200/Y 214144	DK-1531-200/G 214120	DK-1531-200/B 214106	DK-1531-200/BL 214113		DK-1531-200-CO 215882
30,0 m	DK-1531-300 213154	DK-1531-300/R 214175	DK-1531-300/Y 214182	DK-1531-300/G 214168	DK-1531-300/B 214151	DK-1531-300/BL 214199		DK-1531-300-CO 215899

DIGITUS® Premium CAT 5e F-UTP patch cable

Ready for PoE

- Foil shielded CAT 5e patch cables
- 4 x 2 AWG 26/7, twisted pair, 100 Ohm
- 2 x RJ45 shielded connectors
- Boot with kink protection and strain relief
- Spot length on boot
- Qualified for 1 Gbit Ethernet
- Ready for PoE








Certificate

Please choose your requested product by the corresponding article number or the EAN code.

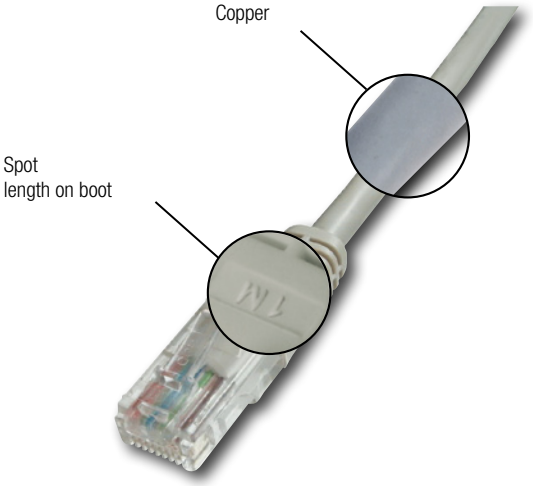
	grey	red	yellow	green	blue	black	white	crossover
0,25 m	DK-1521-0025 288510	DK-1521-0025/R 288558	DK-1521-0025/Y 288565	DK-1521-0025/G 288541	DK-1521-0025/B 288527	DK-1521-0025/BL 288534	DK-1521-0025/WH 288572	
0,3 m								DK-1521-003-CO 215721
0,5 m	DK-1521-005 212232	DK-1521-005/R 213192	DK-1521-005/Y 213208	DK-1521-005/G 213185	DK-1521-005/B 213161	DK-1521-005/BL 213178		DK-1521-005-CO 215738
1,0 m	DK-1521-010 212966	DK-1521-010/R 213246	DK-1521-010/Y 213253	DK-1521-010/G 213239	DK-1521-010/B 213215	DK-1521-010/BL 213222		DK-1521-010-CO 215745
2,0 m	DK-1521-020 212973	DK-1521-020/R 213291	DK-1521-020/Y 213307	DK-1521-020/G 213284	DK-1521-020/B 213260	DK-1521-020/BL 213277		DK-1521-020-CO 215752
3,0 m	DK-1521-030 212980	DK-1521-030/R 213345	DK-1521-030/Y 213352	DK-1521-030/G 213338	DK-1521-030/B 213314	DK-1521-030/BL 213321		DK-1521-030-CO 215769
5,0 m	DK-1521-050 212997	DK-1521-050/R 213390	DK-1521-050/Y 213406	DK-1521-050/G 213383	DK-1521-050/B 213369	DK-1521-050/BL 213376		DK-1521-050-CO 215776
7,0 m	DK-1521-070 213000							
10,0 m	DK-1521-100 213017	DK-1521-100/R 213499	DK-1521-100/Y 213505	DK-1521-100/G 213482	DK-1521-100/B 213468	DK-1521-100/BL 213475		DK-1521-100-CO 215783
15,0 m	DK-1521-150 213024	DK-1521-150/R 213543	DK-1521-150/Y 213550	DK-1521-150/G 213536	DK-1521-150/B 213512	DK-1521-150/BL 213529		DK-1521-150-CO 215790
20,0 m	DK-1521-200 213031	DK-1521-200/R 213598	DK-1521-200/Y 213604	DK-1521-200/G 213581	DK-1521-200/B 213567	DK-1521-200/BL 213574		DK-1521-200-CO 215806
30,0 m	DK-1521-300 213048							DK-1521-300-CO 215813
50,0 m	DK-1521-500 213055							

Patch Cables, CAT 5e U-UTP

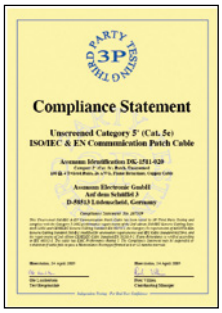
DIGITUS® Premium CAT 5e U-UTP patch cable

Ready for PoE

- Unshielded CAT 5e patch cables
- 4 x 2 AWG 26/7, twisted pair, 100 Ohm
- 2 x RJ45 connectors
- Boot with kink protection and strain relief
- Spot length on boot
- Connection 1 : 1
- Qualified for 1Gbit Ethernet
- Ready for PoE







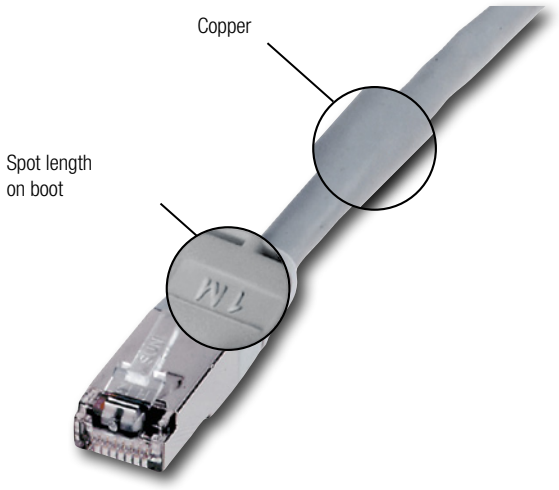


Please choose your requested product by the corresponding article number or the EAN code.

	grey	red	yellow	grün	blue	black	white
0,25 m	DK-1511-0025 288435	DK-1511-0025/R 288480	DK-1511-0025/Y 288497	DK-1511-0025/G 288473	DK-1511-0025/B 288442	DK-1511-0025/BL 288466	DK-1511-0025/WH 288503
0,5 m	DK-1511-005 212119	DK-1511-005/R 212287	DK-1511-005/Y 212300	DK-1511-005/G 212270	DK-1511-005/B 212126	DK-1511-005/BLACK 212263	DK-1511-005/WH 212294
1,0 m	DK-1511-010 212102	DK-1511-010/R 212348	DK-1511-010/Y 212362	DK-1511-010/G 212324	DK-1511-010/B 212317	DK-1511-010/BLACK 212331	DK-1511-010/WH 212355
1,5 m	DK-1511-015 212133	DK-1511-015/R 212409	DK-1511-015/Y 212423	DK-1511-015/G 212393	DK-1511-015/B 212379	DK-1511-015/BLACK 212386	DK-1511-015/WH 212416
2,0 m	DK-1511-020 212140	DK-1511-020/R 212454	DK-1511-020/Y 212461	DK-1511-020/G 212447	DK-1511-020/B 212430	DK-1511-020/BLACK 212485	DK-1511-020/WH 212478
3,0 m	DK-1511-030 212157	DK-1511-030/R 212522	DK-1511-030/Y 212546	DK-1511-030/G 212515	DK-1511-030/B 212492	DK-1511-030/BLACK 212508	DK-1511-030/WH 212539
5,0 m	DK-1511-050 212164	DK-1511-050/R 212584	DK-1511-050/Y 212607	DK-1511-050/G 212577	DK-1511-050/B 212553	DK-1511-050/BLACK 212560	DK-1511-050/WH 212591
7,0 m	DK-1511-070 212171	DK-1511-070/R 212645	DK-1511-070/Y 212669	DK-1511-070/G 212621	DK-1511-070/B 212614	DK-1511-070/BLACK 212638	DK-1511-070/WH 212652
10,0 m	DK-1511-100 212188	DK-1511-100/R 212706	DK-1511-100/Y 212720	DK-1511-100/G 212690	DK-1511-100/B 212676	DK-1511-100/BLACK 212683	DK-1511-100/WH 212713
15,0 m	DK-1511-150 212195	DK-1511-150/R 212768	DK-1511-150/Y 212775	DK-1511-150/G 212751	DK-1511-150/B 212737	DK-1511-150/BLACK 212744	DK-1511-150/WH 212782
20,0 m	DK-1511-200 212201	DK-1511-200/R 212829	DK-1511-200/Y 212843	DK-1511-200/G 212812	DK-1511-200/B 212799	DK-1511-200/BLACK 212805	DK-1511-200/WH 212836
25,0 m	DK-1511-250 212218						
30,0 m	DK-1511-300 212225	DK-1511-300/R 212928	DK-1511-300/Y 212935	DK-1511-300/G 212911	DK-1511-300/B 212904	DK-1511-300/BLACK 212959	DK-1511-300/WH 212942

SoHo CAT 5e F-UTP patch cable, grey

- 4 x 2 AWG 26/7, twisted pair
- 2 x RJ45 connectors
- Boots with kink protections and strain reliefs
- Spot length on boot
- CATegory: CAT 5e
- Shielding: F-UTP, foi shielding
- Structure: 4 x 2 AWG 26/7, twisted pair
- Configuration: 1:1
- Qualified for 1 Gbit Ethernet
- Jacket: PVC

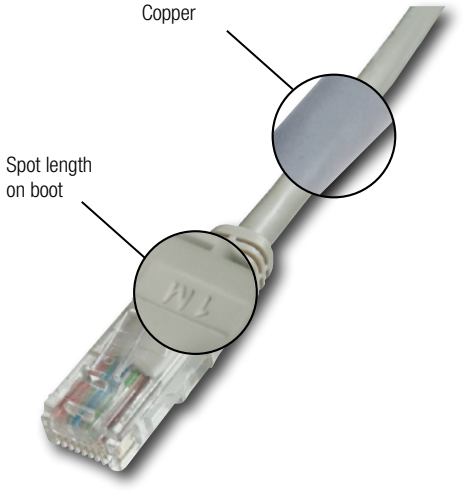


Please choose your requested product by the corresponding article number or the EAN code.

	grey
0,5m	AK-1522-005 203001
1,0m	AK-1522-010 203018
2,0m	AK-1522-020 203032
3,0m	AK-1522-030 203131
5,0m	AK-1522-050 203124
7,0m	AK-1522-070 203148
10,0m	AK-1522-100 203155
15,0m	AK-1522-150 203162
20,0m	AK-1522-200 203179

SoHo CAT 5e UTP Patch Cables

- 4 x 2 AWG 26/7, twisted pair
- 2 x RJ45 connectors
- Boots with kink protections and strain reliefs
- Spot length on boot
- CATegory: CAT 5e
- Shielding: U-UTP, unshielded
- Structure: 4 x 2 AWG 26/7, twisted pair
- Configuration: 1:1
- Qualified for 1 Gbit Ethernet
- Jacket: PVC



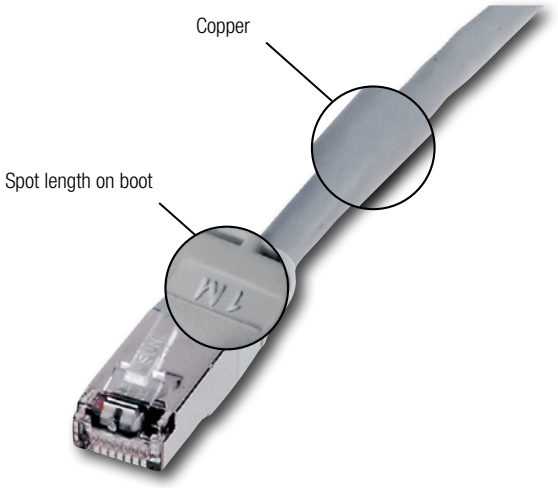
Please choose your requested product by the corresponding article number or the EAN code.

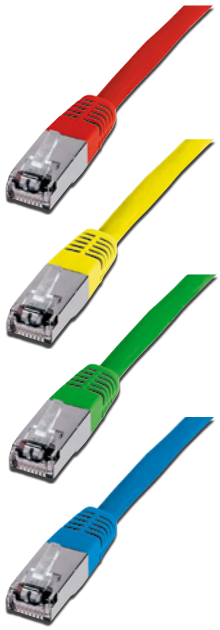
	grey
0,5m	AK-1512-005 203568
1,0m	AK-1512-010 203575
2,0m	AK-1512-020 203582
3,0m	AK-1512-030 203599
5,0m	AK-1512-050 203605
7,0m	AK-1512-070 203612
10,0m	AK-1512-100 203629
15,0m	AK-1512-150 203636
20,0m	AK-1512-200 203643

Patch Cables, CAT 5e SFTP

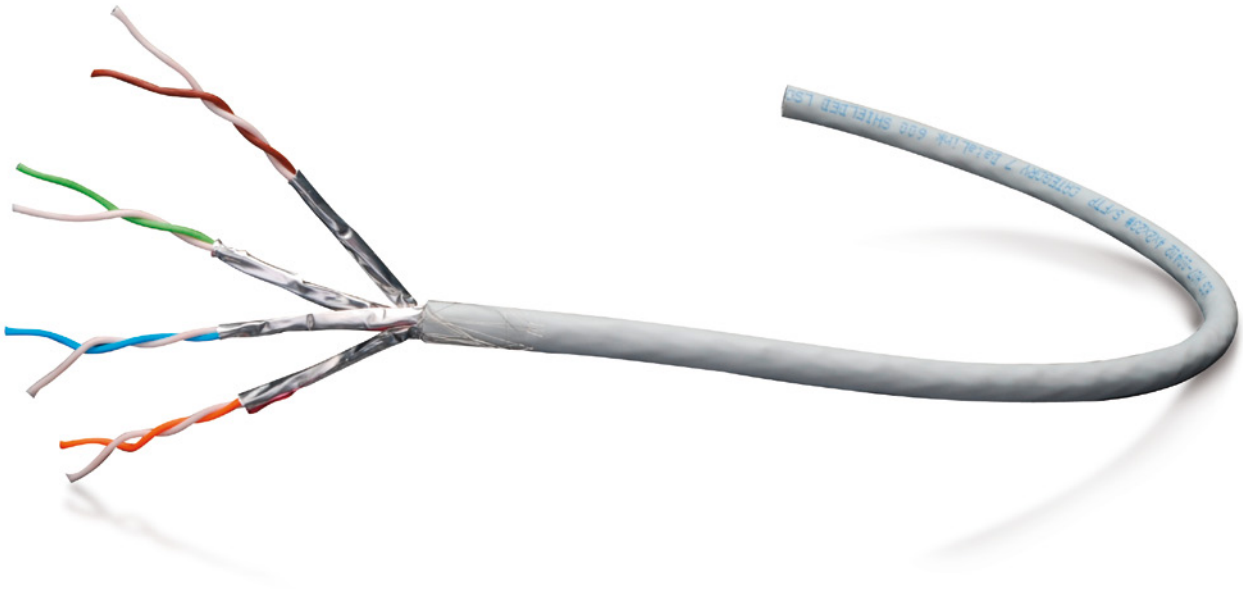
CAT 5e SFTP Patch Cables

- 4 x 2 AWG 26/7, twisted pair
- 2 x RJ45 connectors
- Boots with kink protections and strain reliefs
- Spot length on boot
- CATegory: CAT 5e
- Shielding: SF-UTP, foi and braid shielding
- Structure: 4 x 2 AWG 26/7, twisted pair
- Configuration: 1:1
- Qualified for 1 Gbit Ethernet
- Jacket: PVC





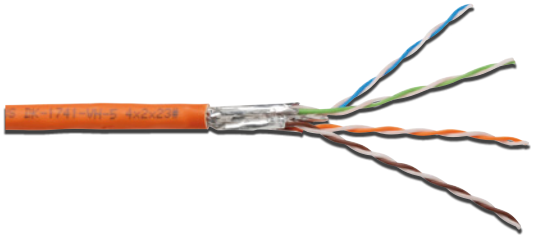
	grey	blue	green	red	yellow
0,5m	AK-1532-005 204022	AK-1532-005/B 204114	AK-1532-005/G 204206	AK-1532-005/R 204299	AK-1532-005/Y 204381
1,0m	AK-1532-010 204039	AK-1532-010/B 204121	AK-1532-010/G 204213	AK-1532-010/R 204305	AK-1532-010/Y 204398
2,0m	AK-1532-020 204046	AK-1532-020/B 204138	AK-1532-020/G 204220	AK-1532-020/R 204312	AK-1532-020/Y 204404
3,0m	AK-1532-030 204053	AK-1532-030/B 204145	AK-1532-030/G 204237	AK-1532-030/R 204329	AK-1532-030/Y 204411
5,0m	AK-1532-050 204060	AK-1532-050/B 204152	AK-1532-050/G 204244	AK-1532-050/R 204336	AK-1532-050/Y 204428
7,0m	AK-1532-070 204077				
10,0m	AK-1532-100 204084	AK-1532-100/B 204176	AK-1532-100/G 204268	AK-1532-100/R 204350	AK-1532-100/Y 204442
15,0m	AK-1532-150 204091	AK-1532-150/B 204183	AK-1532-150/G 204275	AK-1532-150/R 204367	AK-1532-150/Y 204459
20,0m	AK-1532-200 204107		AK-1532-200/G 204282	AK-1532-200/R 204374	AK-1532-200/Y 204466



Twisted Pair Installation Cable

DIGITUS® CAT 7 Twisted Pair Installation Cable

- 4x2xAWG23 S-FTP CAT 7 1000 MHz LSZH Data cable
- CATegory 7 S/FTP indoor cable, conforming to ISO/IEC-11801 & IEC 61156-5.
- The cable contains 4 individually foil-shielded twisted pairs cabled together, overall shielded with a tinned-copper braid overall jacketed with LSOH compound for indoor use, conforming to IEC 60233-1.





Physical Description	
Basic Conductor	Solid 23AWG, bare annealed copper (0.57mm nom.)
Insulation	SFS-PO.
Total number of insulated conductors	8, twisted in 4 pairs.
Color code	Blue x White, Orange x White, Green x White, Brown x White.
Individual pair shield	Aluminum foil, providing 100% coverage, foil face out.
Overall shield	Tin-coated copper wire braid, 35% nom. coverage.
Drain wire	None.
Outer jacket	Low-smoke, Zero-halogen, Flame-retardant compound for indoor use.
Outer jacket thickness	0.6 mm nom.
Color	Orange RAL 2000.
Overall Diameter	7.5 mm nom.
Surface Marking	DIGITUS® DK-1741-VH-5 4x2x23# S/FTP CATEGORY 7 SHIELDED LSOH CABLE VERIFIED to CAT 7 ISO/IEC-11801 & IEC 61156-5 FR IEC 60332-1 CE 2002/95/EC (RoHS) [Meter Mark] METER [Batch Number]

Mechanical Properties	
Bend Radius	Dynamic: 8xD mm min. Static: 4xD mm min
Storage Temperature	-20 to +75C
Temperature installation range	0 to +50C
Temperature operating range	-20 to +60C
Flame Tests	IEC 60332-1 (Fire), IEC 60754 (gas) & IEC 61034 (smoke)
Pulling force	150 N max.
Caloric value	650 KJ/m
Total Weight	68 Kg/Km nom.

Electrical Properties	
Mean Impedance	100±5 Ohm @ 1-600 MHz
Vp	75-77% nom.
Capacitance	40 pF/m nom @ 1 KHz
Capacitance unbalance to ground	1.6 pF/m max. @ 1 KHz
Insulation Resistance	0.5 GOhm•Km min.
DC Resistance	72 Ohm/Km max. (2% max. resistance unbalance).
DC Loop Resistance	147 Ohm/Km max. (2% max. resistance unbalance).
Voltage rating	72Vdc max.
Coupling attenuation	85dB min @ 30-100 MHz. 85-20Log(f/100) dB min. @ 100-1000 MHz.
PS-ANEXT Loss	92.5-15Log(f) dB min. @ 1-600 MHz (67dB max).
PS-AACRF	78.2-20Log(f) dB min. @ 1-600 MHz (67dB max.)
Phase delay	534+36/f½ nS/100m max. @ f=1-1000 MHz.
Delay Skew	25 nS/100m max.

Transmission Properties								
FREQ.	Insertion Loss	NEXT	PS NEXT	EL FEXT	PS EL FEXT	RL	TCL	EL-TCTL
MHz	dB/100m	dB	dB	dB/100m	dB/100m	dB	dB	dB
	Typ	Typ	Typ	Typ	Typ	Typ	Typ	Typ
10.00	5.5	98.0	95.0	95.0	91.6	26.0	40	15
20.00	7,9	98.0	95.0	98.0	88.6	26.0	36	7.0
62.50	14.5	98.0	95.0	86.0	82.6	26.0	32	NS
100.00	18,5	98.0	95.0	82.0	78.6	24.0	30	NS
200.00	29,6	88.0	85.0	70.0	66.6	22.0	27	NS
300.00	32.8	87.0	84.0	67.0	63.6	21.0	NS	NS
600.00	47.6	86.0	83.0	52.0	48.6	19.0	NS	NS
900.00	60,4	80.0	77.0	48.0	44.6	18.0	NS	NS
1000.00	64,8	78.0	75.0	47.0	44.6	18.0	NS	NS

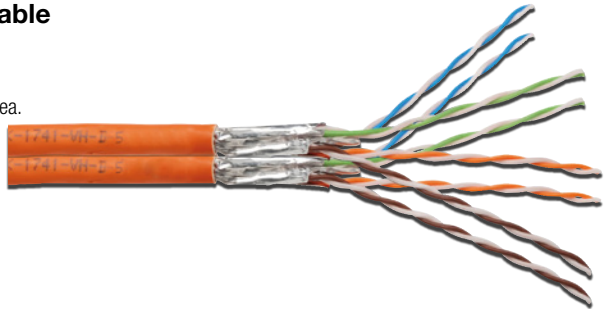
247449 / DK-1741-VH-1
100m ring, CAT 7 Twisted Pair Installation Cable

241324 / DK-1741-VH-5
500m ring, CAT 7 Twisted Pair Installation Cable

267508 / DK-1741-VH-10
1000m drum, CAT 7 Twisted Pair Installation Cable

DIGITUS® CAT 7 Twisted Pair Installation Cable

- 2x 4x2xAWG23 S-FTP CAT 7 1000 MHz LSZH installation cable
- Suitable for building structured cabling in the secondary and tertiary area.
- For installation of cable lines of class F, 1000 MHz.
- Conforming to ISO/IEC 11801, DIN EN 50173, DIN EN 50288-4-1





Physical Description	
Basic Conductor	solid AWG 23/1, bare annealed copper (0.57mm nom.)
Insulation	SFS-PO
Total number of insulated conductors	2x8, twisted in 2x4 pairs
Color code	blue x white, orange x white, green x white, brown x white
Individual pair shield	Aluminium foil, providing 100% coverage, foil face out
Overall shield	tin-coated copper wire braid, 35% nom. coverage
Outer jacket	low-smoke, zero-halogen, flame retardant, non corrosive compound for indoor use
Outer jacket thickness	0.6 mm nom.
Color	orange RAL 2000.
Overall diameter	16x7.5 mm nom.
Copper (kg/km)	56
Print	DIGITUS® DK-1741-VH-D-5 2x 4x2x23# S/FTP CATEGORY 7 SHIELDED LSOH CABLE VERIFIED to CAT 7 ISO/IEC-11801 & IEC 61156-5 FR IEC 60332-1 CE 2002/95/EC (RoHS) [Meter Mark] METER [Batch Number]

Mechanical Properties	
Bend radius	dynamic: 8xD mm min., static: 4xD mm min.
Storage temperature	-20 to +75C
Temperature installation range	0 to +50C
Temperature operating range	-20 to +60C
Flame tests	IEC 60332-1 (fire), IEC 60754 (gas) & IEC 61034 (smoke)
Pulling force	150 N max.
Caloric value	650 KJ/m
Total weight	136 Kg/Km nom.

Electrical Properties	
Mean impedance	100±5 Ohm bei 1-600 MHz
Vp	75-77% nom.
Capacitance	40 pF/m nom bei 1 KHz
Capacitance unbalance to ground	1.6 pF/m max. bei 1 KHz
Insulation resistance	0.5 GOhm•Km min.
DC resistance	72 Ohm/Km max. (2% max. resistance unbalance).
DC loop resistance	147 Ohm/Km max. (2% max. resistance unbalance).
Voltage resistance	72Vdc max.
Coupling attenuation	85dB min bei 30-100 MHz. 85-20Log(f/100) dB min. at 100-1000 MHz.
PS-ANEXT loss	92.5-15Log(f) dB min. at 1-600 MHz (67dB max).
PS-AACRF	78.2-20Log(f) dB min. at 1-600 MHz (67dB max.)
Phase delay	534+36/f½ nS/100m max. bei f=1-1000 MHz.
Delay skew	25 nS/100m max.

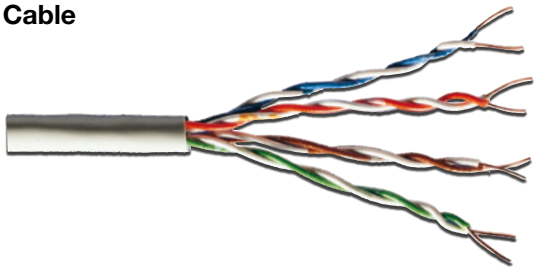
Transmission Properties								
FREQ.	Absorbability	NEXT	PS NEXT	EL FEXT	PS EL FEXT	RL	TCL	EL-TCTL
MHz	dB/100m	dB	dB	dB/100m	dB/100m	dB	dB	dB
	Typ	Typ	Typ	Typ	Typ	Typ	Typ	Typ
10.00	5.5	98.0	95.0	95.0	91.6	26.0	40	15
20.00	7,9	98.0	95.0	98.0	88.6	26.0	36	7.0
62.50	14.5	98.0	95.0	86.0	82.6	26.0	32	NS
100.00	18,5	98.0	95.0	82.0	78.6	24.0	30	NS
200.00	29,6	88.0	85.0	70.0	66.6	22.0	27	NS
300.00	32.8	87.0	84.0	67.0	63.6	21.0	NS	NS
600.00	47.6	86.0	83.0	52.0	48.6	19.0	NS	NS
900.00	60,4	80.0	77.0	48.0	44.6	18.0	NS	NS
1000.00	64,8	78.0	75.0	47.0	44.6	18.0	NS	NS

247289 / DK-1741-VH-D-5
500m drum, duplex, halogenfree outer jacket

Twisted Pair Installation Cable

DIGITUS® CAT 6 U-UTP Twisted Pair Installation Cable

- 4x2xAWG23 U-UTP CAT 6 250 MHz installation cable
- Suitable for building structured cabling in the secondary and tertiary area.
- For installation of cable lines of class E, 250 MHz.
- Conforming to ISO/IEC 11801, DIN EN 50173, DIN EN 50288-5-1

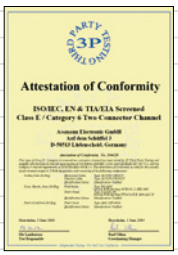




Physical Description	
Basic Conductor	bare copper wire, 0.555+/-0.015 mm (AWG23)
Insulation	Polyethylene, 0.98/0.96/0.98/0.96 mm
Total number of insulated conductors	8, twisted in 2x4 pairs
Color code	blue x white, orange x white, green x white, brown x white
Individual pair shield	none
Overall shield	none
Outer jacket	PVC
Color	grey

Mechanical Properties	
Bend radius	dynamic: 8xD mm min., static: 4xD mm min.
Storage temperature	-20 to +60C
Temperature installation range	0 to +50C

Electrical Properties	
DC loop resistance	≤ 148.6Ω km
Resistance unbalance	≤ 2%
Insulation resistance (500 V)	≥ 2000MΩ *km
Capacitance at 800 Hz	nom. 51 nF/km
Capacitance unbalance (pair to ground)	≤ 1500 pF/km
Characteristic impedance (1-100 MHz)	(100 ± 15) Ω
Nominal velocity of propagation	approx. 67 %
Propagation delay	Nominal ≤ 535 ns/100m
Delay skew	Nominal ≤ 45ns/100m
Test voltage (DC, 1 min) Core/Core	1000 V
Coupling attenuation	≥ 40 dB


Attestation of Conformity

ISO/IEC, EN & TIA/EIA Screened
Class E / Category 6 Two Connector Channel

Transmission Properties

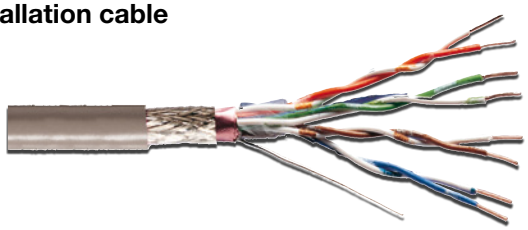
FREQ.	Absorbability	NEXT	PS NEXT	ACR-N	PS ACR-N	ACR-F	PS ACR-F	ELFEXT	PS-ELFEXT	Return loss
MHz	dB/100m	dB	dB	dB/100m	dB/100m	dB/100m	dB/100m	db/100m	db/100m	dB
	Typ	Typ	Typ	Typ	Typ	Typ	Typ	Typ	Typ	Typ
1	3	65,0	62,0	62,0	59,0	63,3	60,3	64,2	61,2	19,0
4	4	63,0	60,5	59,0	56,5	51,2	48,2	52,1	49,1	19,0
8	5,7	58,2	55,6	52,5	49,9	45,2	42,2	46,1	43,1	19,0
10	6,3	56,6	54,0	50,2	47,7	43,3	40,3	44,2	41,2	19,0
16	8	53,2	50,6	45,2	42,6	39,2	36,2	40,1	37,1	18,0
20	9	21,6	49,0	42,6	39,9	37,2	34,2	38,2	35,2	17,5
25	10,1	50,0	47,3	39,9	37,2	35,3	32,3	36,2	33,2	17,0
31,25	11,4	48,4	45,7	37,0	34,3	33,4	30,4	34,3	31,3	16,5
62,5	16,5	43,4	40,6	26,9	24,1	27,3	24,3	28,3	25,3	14,0
100	21,3	39,9	37,1	48,6	15,8	23,3	20,3	24,2	21,2	12,0
200	31,5	34,8	31,9	3,3	0,3	17,2	14,2	18,2	15,2	9,0
250	35,9	33,1	30,2	-2,8	-5,8	15,3	12,3	16,2	13,2	8,0

241225 / DK-1611-V-1
100m ring, CAT 6 U-UTP Twisted Pair Installation Cable

241232 / DK-1611-V-305
305m ring, CAT 6 U-UTP Twisted Pair Installation Cable

DIGITUS® CAT 5e SF-UTP LSOH twisted pair installation cable

- 4x2xAWG24 SF-UTP CAT 5e 100 MHz LSZH installation cable
- Suitable for building structured cabling in the secondary and tertiary area.
- For installation of cable lines of class E, 100 MHz.
- Conforming to ISO/IEC 11801, DIN EN 50173, DIN EN 50288-2-1





Physical Description	
Basic Conductor	bare copper wire, 0.505+/-0.015 mm (AWG24)
Insulation	Polyethylene, 0.95 mm
Total number of insulated conductors	8, twisted in 2x4 pairs
Color code	blue x white, orange x white, green x white, brown x white
Individual pair shield	none
Overall shield	Aluminium foil, providing 100% coverage, foil face out
Outer jacket	low-smoke, zero-halogen, flame retardant, non corrosive compound for indoor use
Color	grey

Mechanical Properties	
Mean impedance	100±5 Ohm bei 1-250 MHz
Capacitance unbalance to ground	min. 1600pF/100m
Insulation resistance	0.5 GOhm*Km min
DC loop resistance	19 Ohm/100m max. (2% max. resistance unbalance)

Electrical Properties	
DC loop resistance	≤ 190Ω km
Resistance unbalance	≤ 2%
Insulation resistance (500 V)	≥ 2000MΩ *km
Capacitance at 800 Hz	nom. 53 nF/km
Capacitance unbalance (pair to ground)	≤ 1500 pF/km
Characteristic impedance (1-100 MHz)	(100 ± 15) Ω
Nominal velocity of propagation	approx. 67 %
Propagation delay	Nominal ≤ 535 ns/100m
Delay skew	Nominal ≤ 45ns/100m
Test voltage (DC, 1 min) Core/Core	1000 V
Coupling attenuation	≥ 40 dB

Transmission Properties								
FREQ.	Absorbability	NEXT	PS NEXT	ACR	PS-ACR	ELFEXT	PS-ELFEXT	Return loss
MHz	dB/100m	dB	dB	dB/100m	dB/100m	db/100m	db/100m	dB
	Typ	Typ	Typ	Typ	Typ	Typ	Typ	Typ
1	3	60	57	57	54	58,6	55,6	19
4	3,9	54,8	51,8	50,9	47,9	46,6	43,6	19
8	5,5	50	47	44,5	41,5	40,0	37,5	19
10	6,2	48,5	45,5	42,3	39,3	38,6	35,6	19
16	7,9	45,2	42,2	37,3	34,3	34,5	31,5	19
20	8,9	43,7	40,7	34,8	31,8	32,6	29,6	19
25	10	42,1	39,1	32,1	29,1	30,7	27,7	18
31,25	11,2	40,5	37,5	29,3	26,3	28,7	25,7	17,1
62,5	16,2	35,7	32,7	19,4	16,4	22,7	19,7	14,1
100	21	32,3	29,3	11,3	8,3	18,6	15,6	12

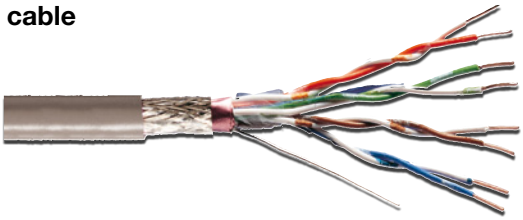
241201 / DK-1531-VH-1
100m ring, CAT 5e SF-UTP LSOH Twisted Pair Installation Cable

241218 / DK-1531-VH-5
500m drum, CAT 5e SF-UTP LSOH Twisted Pair Installation Cable

Twisted Pair Installation Cable

DIGITUS® CAT 5e SF-UTP twisted pair installation cable

- 4x2xAWG24 SF-UTP CAT 5e 100 MHz LSZH installation cable
- Suitable for building structured cabling in the secondary and tertiary area.
- For installation of cable lines of class E, 100 MHz.
- Conforming to ISO/IEC 11801, DIN EN 50173, DIN EN 50288-2-1





Physical Description	
Basic Conductor	bare copper wire 0.505+/-0.015 mm (AWG24)
Insulation	Polyethylene, 0.95 mm
Total number of insulated conductors	8, twisted in 2x4 pairs
Color code	blue x white, orange x white, green x white, brown x white
Individual pair shield	none
Overall shield	Aluminium foil, providing 100% coverage, foil face out
Outer jacket	PVC
Color	grey

Electrical Properties	
DC loop resistance	≤ 190Ω km
Resistance unbalance	≤ 2%
Insulation resistance (500 V)	≥ 2000MΩ *km
Capacitance at 800 Hz	nom. 53 nF/km
Capacitance unbalance (pair to ground)	≤ 1500 pF/km
Characteristic impedance (1-100 MHz)	(100 ± 15) Ω
Nominal velocity of propagation	approx. 67 %
Propagation delay	Nominal ≤ 535 ns/100m
Delay skew	Nominal ≤ 45ns/100m
Test voltage (DC, 1 min) Core/Core	1000 V
Coupling attenuation	≥ 40 dB

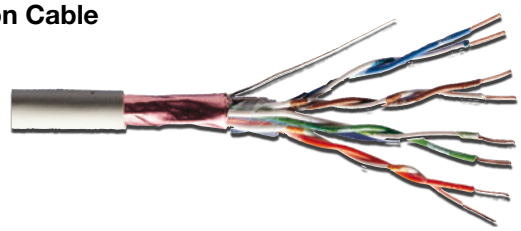
Transmission Properties								
FREQ.	Absorbability	NEXT	PS NEXT	ACR	PS ACR	ELFEXT	PS-ELFEXT	Return loss
MHz	dB/100m	dB	dB	dB/100m	dB/100m	dB/100m	dB/100m	dB
	Typ	Typ	Typ	Typ	Typ	Typ	Typ	Typ
1	3	60	57	57	54	58,6	55,6	19
4	3,9	54,8	51,8	50,9	47,9	46,6	43,6	19
8	5,5	50	47	44,5	41,5	40,6	37,5	19
10	6,2	48,5	45,5	42,3	39,3	38,6	35,6	19
16	7,9	45,2	42,2	37,3	34,3	34,5	31,5	19
20	8,9	43,7	40,7	34,8	31,8	32,6	29,6	19
25	10	42,1	39,1	32,1	29,1	30,7	27,7	18
31,25	11,2	40,5	37,5	29,3	26,3	28,7	25,7	17,1
62,5	16,2	35,7	32,7	19,4	16,4	22,7	19,7	14,1
100	21	32,3	29,3	11,3	8,3	18,6	15,6	12

241157 / DK-1531-V-1
100m ring, CAT 5e SF-UTP Twisted Pair Installation Cable

241164 / DK-1531-V-305
305m ring, CAT 5e SF-UTP Twisted Pair Installation Cable

DIGITUS® CAT 5e F-UTP Twisted Pair Installation Cable

- 4x2xAWG24 F-UTP CAT 5e 100 MHz installation cable
- Suitable for building structured cabling in the secondary and tertiary area.
- For installation of cable lines of class D, 100 MHz.
- Conforming to ISO/IEC 11801, DIN EN 50173, DIN EN 50288-2-1





Physical Description	
Basic Conductor	solid AWG 24/1, bare annealed copper
Insulation	PE
Total number of insulated conductors	8, twisted in 4 pairs
Color code	blue x white, orange x white, green x white, brown x white
Individual pair shield	none
Overall shield	Aluminium foil, providing 100% coverage, foil face out
Outer jacket	PVC
Color	grey

Electrical Properties	
DC loop resistance	≤ 190Ω km
Resistance unbalance	≤ 2%
Insulation resistance (500 V)	≥ 2000MΩ *km
Capacitance at 800 Hz	nom. 48 nF/km
Capacitance unbalance (pair to ground)	≤ 1500 pF/km
Characteristic impedance (1-100 MHz)	(100 ± 15) Ω
Nominal velocity of propagation	approx. 67 %
Propagation delay	Nominal ≤ 535 ns/100m
Delay skew	Nominal ≤ 45ns/100m
Test voltage (DC, 1 min) Core/Core	1000 V
Coupling attenuation	≥ 40 dB


Certificate

Transmission Properties						
FREQ.	Absorbability	NEXT	PS NEXT	ACR	PS-ACR	Return loss
MHz	dB/100m	dB	dB	dB/100m	dB/100m	dB
	Typ	Typ	Typ	Typ	Typ	Typ
1	3	60	57	57	54	19
4	3,9	54,8	51,8	50,9	47,9	19
8	5,5	50	47	44,5	41,5	19
10	6,2	48,5	45,5	42,3	39,3	19
16	7,9	45,2	42,2	37,3	34,3	19
20	8,9	43,7	40,7	34,8	31,8	19
25	10	42,1	39,1	32,1	29,1	18
31,25	11,2	40,5	37,5	29,3	26,3	17,1
62,5	16,2	35,7	32,7	19,4	16,4	14,1
100	21	32,3	29,3	11,3	8,3	12

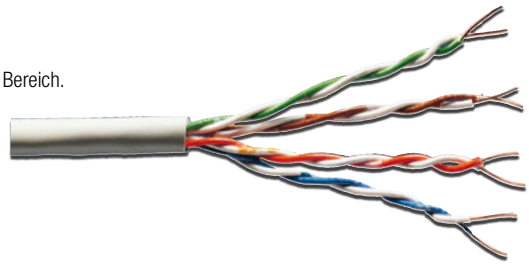
241119 / DK-1521-V-1
100m ring, CAT 5e F-UTP Twisted Pair Installation Cable

241126 / DK-1521-V-305
305m ring, CAT 5e F-UTP Twisted Pair Installation Cable

Twisted Pair Installation Cable

DIGITUS® CAT 5e U-UTP Twisted Pair Installationskabel

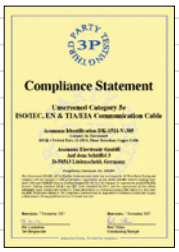
- 4x2xAWG24 U-UTP CAT 5e 100 MHz Datenkabel
- Geeignet für die strukturierte Gebäudeverkabelung im sekundären und tertiären Bereich.
- Zum Aufbau von Verkabelungsstrecken der Klasse D, 100 MHz.
- Konform zu den Normen ISO/IEC 11801, DIN EN 50173, DIN EN 50288-3-1





Physical Description	
Basic Conductor	bare copper wire 0.50+/-0.015 mm (AWG24)
Insulation	Polyethylene, 0.88 mm
Total number of insulated conductors	8, twisted in 4 pairs
Color code	blue x white, orange x white, green x white, brown x white
Individual pair shield	none
Overall shield	none
Outer jacket	PVC
Color	grey

Electrical Properties	
DC loop resistance	≤ 190Ω km
Resistance unbalance	≤ 2%
Insulation resistance (500 V)	≥ 2000MΩ *km
Capacitance at 800 Hz	nom. 48 nF/km
Capacitance unbalance (pair to ground)	≤ 1500 pF/km
Characteristic impedance (1-100 MHz)	(100 ± 15) Ω
Nominal velocity of propagation	approx. 67 %
Propagation delay	Nominal ≤ 535 ns/100m
Delay skew	Nominal ≤ 45 ns/100m
Test voltage (DC, 1 min) Core/Core	1000 V
Coupling attenuation	≥ 40 dB



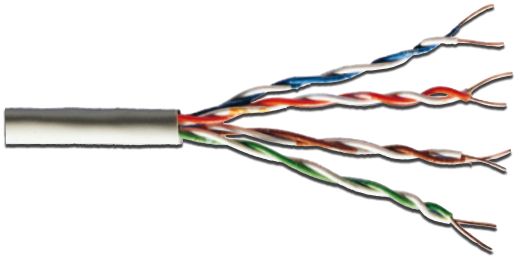
Transmission Properties								
FREQ.	Absorbability	NEXT	PS NEXT	ACR	PS ACR	ELFEXT	PS-ELFEXT	Return loss
MHz	dB/100m	dB	dB	dB/100m	dB/100m	dB/100m	dB/100m	dB
	Typ	Typ	Typ	Typ	Typ	Typ	Typ	Typ
1	3	60	57	57	54	58,6	55,6	19
4	3,9	54,8	51,8	50,9	47,9	46,6	53,6	19
8	5,5	50	47	44,5	41,5	40,6	37,5	19
10	6,2	48,5	45,5	42,3	39,3	38,6	35,6	19
16	7,9	45,2	42,2	37,3	34,3	34,5	31,5	19
20	8,9	43,7	40,7	34,8	31,8	32,6	29,6	19
25	10	42,1	39,1	32,1	29,1	30,7	27,7	18
31,25	11,2	40,5	37,5	29,3	26,3	28,7	25,7	17,1
62,5	16,2	35,7	32,7	19,4	16,4	22,7	19,7	14,1
100	21	32,3	29,3	11,3	8,3	18,6	15,6	12

241072 / DK-1511-V-1
100m ring, CAT 5e U-UTP Twisted Pair Installation Cable

241126 / DK-1511-V-305
305m ring, CAT 5e U-UTP Twisted Pair Installation Cable

DIGITUS® CAT 6 U-UTPtwisted pair patch cable

- 4x2xAWG24 U-UTP CAT 6 250 MHz patch cable
- Suitable for direct assembly of RJ45 plugs for the manufacture of patch cables.
- For installation of cable lines of class E , 250 MHz.
- Conforming to ISO/IEC 11801, DIN EN 50173, DIN EN 50288-6-2





Physical Description	
Basic Conductor	solid AWG 24/7, bare annealed copper
Insulation	PE
Total number of insulated conductors	8, twisted in 4 pairs
Color code	blue x white, orange x white, green x white, brown x white
Individual pair shield	none
Overall shield	Aluminium foil, providing 100% coverage, foil face out
Outer jacket	PVC
Color	grey

Electrical Properties	
DC loop resistance	≤ 175.2Ω/ km
Resistance unbalance	≤ 2%
Insulation resistance (500 V)	≥ 2000MΩ *km
Capacitance at 800 Hz	nom. 48 nF/km
Capacitance unbalance (pair to ground)	≤ 1500 pF/km
Characteristic impedance (1-100 MHz)	(100 ± 15) Ω
Nominal velocity of propagation	approx. 67 %
Propagation delay	Nominal ≤ 535 ns/100m
Delay skew	Nominal ≤ 45 ns/100m
Test voltage (DC, 1 min) Core/Core	1000 V
Coupling attenuation	≥ 40 dB

Transmission Properties

FREQ.	Absorbability	NEXT	PS NEXT	ACR-N	PS-ACR-N	ACR-F	PS ACR-F	Return loss
MHz	dB/100m	dB	dB	dB/100m	dB/100m	dB/100m	dB/100m	dB
	Typ	Typ	Typ	Typ	Typ	Typ	Typ	Typ
1	3	65,0	62,0	62,0	59,0	63,3	60,3	
4	4	63,0	60,5	59,0	56,5	51,2	48,2	19,0
8	5,7	58,2	55,6	52,5	49,9	45,2	42,2	19,0
10	6,3	56,6	54,0	50,2	47,7	43,3	40,3	19,0
16	8	53,2	50,6	45,2	42,6	39,2	36,2	18,0
20	9	21,6	49,0	42,6	39,9	37,2	34,2	17,5
25	10,1	50,0	47,3	39,9	37,2	35,3	32,3	17,0
31,25	11,4	48,4	45,7	37,0	34,3	33,4	30,4	16,5
62,5	16,5	43,4	40,6	26,9	24,1	27,3	24,3	14,0
100	21,3	39,9	37,1	48,6	15,8	23,3	20,3	12,0
200	31,5	34,8	31,9	3,3	0,3	17,2	14,2	9,0
250	35,9	33,1	30,2	-2,8	-5,8	15,3	12,3	8,0

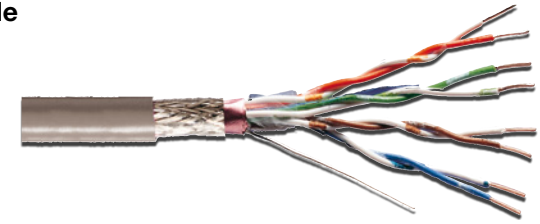
131755 / DK-1611-P-1
100m ring, CAT 6 U-UTP Twisted Pair Patch Cable

131762 / DK-1611-P-305
305m ring, CAT 6 U-UTP Twisted Pair Patch Cable

Twisted Pair Patch Cable

DIGITUS® CAT 5e SF-UTP twisted pair patch cable

- 4x2xAWG26 SF-UTP CAT 5e 100 MHz patch cable
- Suitable for direct assembly of RJ45 plugs for the manufacture of patch cables.
- For installation of cable lines of class D , 100 MHz.
- Conforming to ISO/IEC 11801, DIN EN 50173, DIN EN 50288-2-2





Physical Description	
Basic Conductor	stranded AWG 26/7
Insulation	PE
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	aluminium foil and tin-coated copper wire braid
Outer jacket	PVC
Color	grey

Electrical Properties	
DC loop resistance	≤ 280Ω/ km
Resistance unbalance	≤ 2%
Insulation resistance (500 V)	≥ 2000MΩ *km
Capacitance at 800 Hz	nom. 48 nF/km
Capacitance unbalance (pair to ground)	≤ 1500 pF/km
Characteristic impedance (1-100 MHz)	(100 ± 15) Ω
Nominal velocity of propagation	approx. 67 %
Propagation delay	Nominal ≤ 535 ns/100m
Delay skew	Nominal ≤ 45 ns/100m
Test voltage (DC, 1 min) Core/Core	1000 V
Coupling attenuation	≥ 40 dB

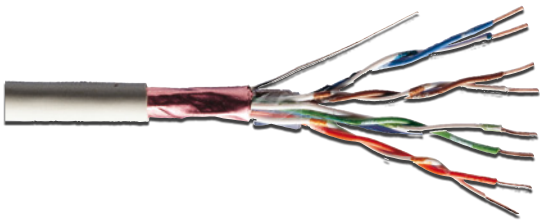
Transmission Properties								
FREQ.	Absorbability	NEXT	PS NEXT	ACR	PS ACR-N	ACR-F	PS ACR-N	Return loss
MHz	dB/100m	dB	dB	dB/100m	dB/100m	dB/100m	dB/100m	dB
	Typ	Typ	Typ	Typ	Typ	Typ	Typ	Typ
1	3	60,0	57,0	57,0	54,0	57,4	54,4	17,0
4	4,5	53,5	50,5	49,1	46,1	45,4	42,4	17,0
8	6,3	48,6	45,6	42,3	39,3	39,3	36,3	17,0
10	7,1	47,0	44,0	39,9	36,9	37,4	34,4	17,0
16	9,1	43,6	40,6	34,5	31,5	33,3	30,3	17,0
20	10,2	42,0	39,0	31,8	28,8	31,4	28,4	17,0
25	11,4	40,3	37,3	28,9	25,9	29,4	26,4	16,0
31,25	12,9	38,7	35,7	25,9	22,9	27,5	24,5	15,1
62,5	18,6	33,6	30,6	15,0	12,0	21,5	18,5	12,1
100	24	30,1	27,1	6,1	3,1	17,4	14,4	10,0

202288 / DK-1531-P-1
100m ring, CAT 5e SF-UTP Twisted Pair Patch Cable

202295 / DK-1531-P-305
305m ring, CAT 5e SF-UTP Twisted Pair Patch Cable

DIGITUS® CAT 6 U-UTPtwisted pair patch cable

- 4x2xAWG24 U-UTP CAT 6 250 MHz patch cable
- Suitable for direct assembly of RJ45 plugs for the manufacture of patch cables.
- For installation of cable lines of class E , 250 MHz.
- Conforming to ISO/IEC 11801, DIN EN 50173, DIN EN 50288-6-2





Physical Description	
Basic Conductor	stranded AWG 24/7
Insulation	PE
Total number of insulated conductors	8, twisted in 4 pairs
Color code	blue x white, orange x white, green x white, brown x white
Individual pair shield	none
Overall shield	none
Outer jacket	PVC
Color	grey

Electrical Properties	
DC loop resistance	≤ 175.2Ω/ km
Resistance unbalance	≤ 2%
Insulation resistance (500 V)	≥ 2000MΩ *km
Capacitance at 800 Hz	nom. 48 nF/km
Capacitance unbalance (pair to ground)	≤ 1500 pF/km
Characteristic impedance (1-100 MHz)	(100 ± 15) Ω
Nominal velocity of propagation	approx. 67 %
Propagation delay	Nominal ≤ 535 ns/100m
Delay skew	Nominal ≤ 45 ns/100m
Test voltage (DC, 1 min) Core/Core	1000 V
Coupling attenuation	≥ 40 dB

Transmission Properties								
FREQ.	Absorbability	NEXT	PS NEXT	ACR	PS-ACR	ACR-F	PS ACR-F	Return loss
MHz	dB/100m	dB	dB	dB/100m	dB/100m	dB/100m	dB/100m	dB
	Typ	Typ	Typ	Typ	Typ	Typ	Typ	Typ
1	3	60,0	57,0	57,0	54,0	57,4	54,4	17,0
4	4,5	53,5	50,5	49,1	46,1	45,4	42,4	17,0
8	6,3	48,6	45,6	42,3	39,3	39,3	36,3	17,0
40	7,1	47,0	44,0	39,9	36,9	37,4	34,4	17,0
16	9,1	43,6	40,6	34,5	31,5	33,3	30,3	17,0
20	10,2	42,0	39,0	31,8	28,8	31,4	28,4	17,0
25	11,4	40,3	37,3	28,9	25,9	29,4	26,4	16,0
31,25	12,9	38,7	35,7	25,9	22,9	27,5	24,5	15,1
62,5	18,6	33,6	30,6	15,0	12,0	21,5	18,5	12,1
100	24	30,1	27,1	6,1	3,1	17,4	14,4	10,0

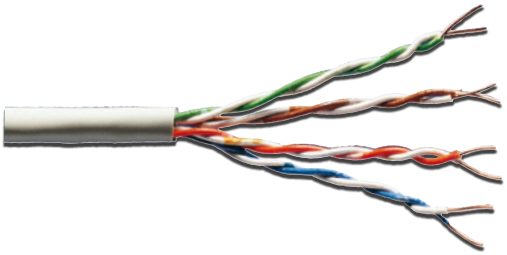
186434 / DK-1521-P-1
100m ring, CAT 5e F-UTP Twisted Pair Patch Cable

202271 / DK-1521-P-305
305m ring, CAT 5e F-UTP Twisted Pair Patch Cable

Twisted Pair Patch Cable

DIGITUS® CAT 5e SF-UTP twisted pair patch cable

- 4x2xAWG26 SF-UTP CAT 5e 100 MHz patch cable
- Suitable for direct assembly of RJ45 plugs for the manufacture of patch cables.
- For installation of cable lines of class D , 100 MHz.
- Conforming to ISO/IEC 11801, DIN EN 50173, DIN EN 50288-2-2





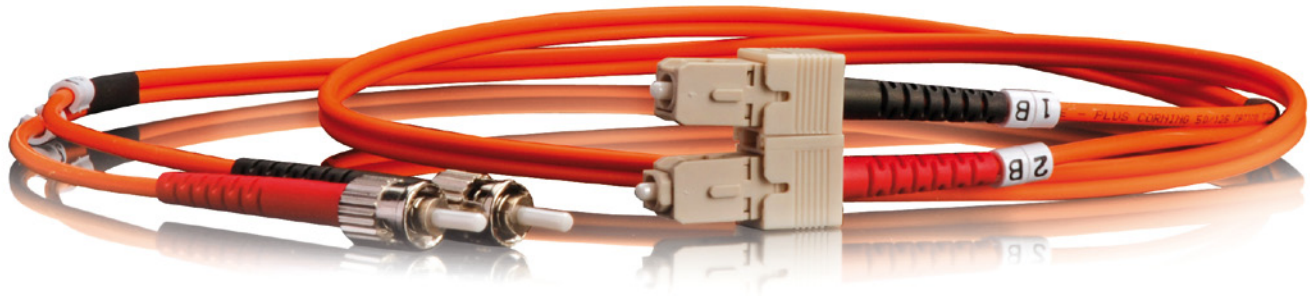
Physical Description	
Basic Conductor	stranded AWG 26/7
Insulation	PE
Total number of insulated conductors	8, twisted in 4 pairs
Color code	blue-white, orange-white, green-white, brown-white
Individual pair shield	none
Overall shield	aluminium foil and tin-coated copper wire braid
Outer jacket	PVC
Color	grey

Electrical Properties	
DC loop resistance	≤ 280Ω/ km
Resistance unbalance	≤ 2%
Insulation resistance (500 V)	≥ 2000MΩ *km
Capacitance at 800 Hz	nom. 48 nF/km
Capacitance unbalance (pair to ground)	≤ 1500 pF/km
Characteristic impedance (1-100 MHz)	(100 ± 15) Ω
Nominal velocity of propagation	approx. 67 %
Propagation delay	Nominal ≤ 535 ns/100m
Delay skew	Nominal ≤ 45 ns/100m
Test voltage (DC, 1 min) Core/Core	1000 V
Coupling attenuation	≥ 40 dB

Transmission Properties								
FREQ.	Absorbability	NEXT	PS NEXT	ACR	PS ACR	ACR-F	PS ACR-F	Return loss
MHz	dB/100m	dB	dB	dB/100m	dB/100m	dB/100m	dB/100m	dB
	Typ	Typ	Typ	Typ	Typ	Typ	Typ	Typ
1	3	60,0	57,0	57,0	54,0	57,4	54,4	17,0
4	4,5	53,5	50,5	49,1	46,1	45,4	42,4	17,0
8	6,3	48,6	45,6	42,3	39,3	39,3	36,3	17,0
40	7,1	47,0	44,0	39,9	36,9	37,4	34,4	17,0
16	9,1	43,6	40,6	34,5	31,5	33,3	30,3	17,0
20	10,2	42,0	39,0	31,8	28,8	31,4	28,4	17,0
25	11,4	40,3	37,3	28,9	25,9	29,4	26,4	16,0
31,25	12,9	38,7	35,7	25,9	22,9	27,5	24,5	15,1
62,5	18,6	33,6	30,6	15,0	12,0	21,5	18,5	12,1
100	24	30,1	27,1	6,1	3,1	17,4	14,4	10,0

202233 / DK-1511-P-1
100m ring, CAT 5e U-UTP Twisted Pair Patch Cable

202257 / DK-1511-P-305
305m ring, CAT 5e SF-UTP Twisted Pair Patch Cable



Fiber-Optic Patch Cables

Technical Data

	ST - ST **DK-2511-01 … DK-2911-10**	**SC - SC** **DK-2522-01 … DK-2922-10**
Mechanical Properties		
Primary Coating	Acrylate; Ø 250± 15µm	Acrylate; Ø 250± 15µm
Secondary Coating	Ø 0,9 ± 0,1mm	Ø 0,9 ± 0,1mm
Coating (buffer) color	"SM: yellow 50/125 OM2: green 50/125 OM3: Aqua 62/125 OM1: orange"	"SM: yellow 50/125 OM2: green 50/125 OM3: Aqua 62/125 OM1: orange"
Cable protection	Aramid (Kevlar)	Aramid (Kevlar)
Operating temperature	"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°"
Cable jacket	LSZH	LSZH
Cable building	"SM: 2x4mm or 3x6mm MM: 2,5x5mm"	"SM: 2x4mm or 3x6mm MM: 2,5x5mm"
Optical Properties		
Insertion loss	"SM PC: max. 0,5dB MM PC: max. 0,4dB"	"SM PC: max. 0,5dB MM PC: max. 0,4dB"
Return loss	"SM PC : > 35dB MM PC: > 25dB"	"SM PC : > 35dB SM SPC: > 45dB SM UPC: > 50dB MM PC: > 25dB"
Life cycle	> 500 connections	> 500 connections

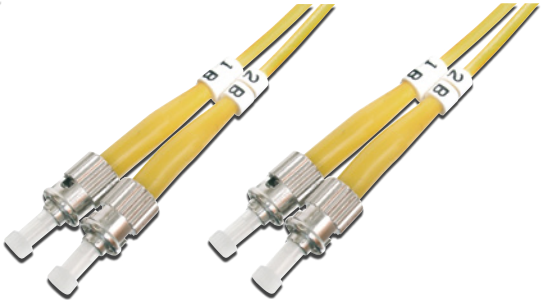
	LC - LC **DK-2533-01 … DK-2933-10**	**E2000 - E2000** **AL-9E2000-011 … AL-9E2000:05I**
Mechanical Properties		
Primary Coating	Acrylate; Ø 250± 15µm	Acrylate; Ø 250± 15µm
Secondary Coating	Ø 0,9 ± 0,1mm	Ø 0,9 ± 0,1mm
Coating (buffer) color	"SM: yellow 50/125 OM2: green 50/125 OM3: Aqua 62/125 OM1: orange"	"SM: yellow 50/125 OM2: green 50/125 OM3: Aqua 62/125 OM1: orange"
Cable protection	Aramid (Kevlar)	Aramid (Kevlar)
Operating temperature	"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°"
Cable jacket	LSZH	LSZH
Cable building	"SM: 2x4mm or 3x6mm MM: 2,5x5mm"	"SM: 2x4mm or 3x6mm MM: 2,5x5mm"
Optical Properties		
Insertion loss	"SM PC: max. 0,5dB MM PC: max. 0,4dB"	"SM PC: max. 0,5dB MM PC: max. 0,4dB"
Return loss	"SM PC : > 35dB SM SPC: > 45dB SM UPC: > 50dB MM PC: > 25dB"	"SM PC : > 35dB SM SPC: > 45dB SM UPC: > 50dB MM PC: > 25dB"
Life cycle	> 500 connections	> 1000 connections

ST / ST
Fiber-optic patch cable, duplex

- ST / ST Connectors
- Halogen free cable I-VH 2G-XXX (Multimode), I-VH 2E-XXX (Singlemode)
- OM3 up to 10Gbit Ethernet, OM1 & 2 1Gbit Ethernet
- Connector with ceramic ferrule
- Two color Boot (Multimode cable)
- Single packed, with test report



Multimode



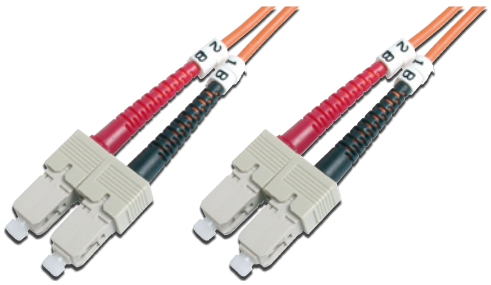
Singlemode

Please choose your requested product by the corresponding article number or the EAN code.

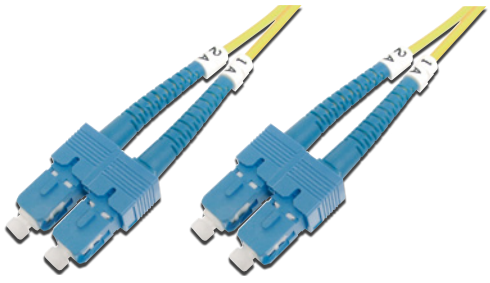
	Multimode OM2 - 50/125 µ	Multimode OM1 - 62,5/125 µ	Multimode OM3 - 50/125 µ	Singlemode - 9/125 µ
1,0 m	247999 / DK-2511-01	248194 / DK-2611-01	248279 / DK-2511-01/3	248330 / DK-2911-01
2,0 m	248033 / DK-2511-02	248217 / DK-2611-02	248286 / DK-2511-02/3	248347 / DK-2911-02
3,0 m	248064 / DK-2511-03	248224 / DK-2611-03	248293 / DK-2511-03/3	248354 / DK-2911-03
5,0 m	248118 / DK-2511-05	248231 / DK-2611-05	248309 / DK-2511-05/3	248361 / DK-2911-05
7,0 m	248101 / DK-2511-07	248255 / DK-2611-07	248316 / DK-2511-07/3	248378 / DK-2911-07
10,0 m	248095 / DK-2511-10	248262 / DK-2611-10	248323 / DK-2511-10/3	248385 / DK-2911-10

SC / SC
Fiber-optic patch cable, duplex

- SC / SC Connector
- Halogen free cable I-VH 2G-XXX (Multimode), I-VH 2E-XXX (Singlemode)
- OM3 up to 10Gbit Ethernet, OM1 & 2 1Gbit Ethernet
- Connector with ceramic ferrule
- Two color Boot (Multimode cable)
- Single packed, with test report



Multimode



Singlemode

Please choose your requested product by the corresponding article number or the EAN code.

	Multimode OM2 - 50/125 µ	Multimode OM1 - 62,5/125 µ	Multimode OM3 - 50/125 µ	Singlemode - 9/125 µ
1,0 m	248392 / DK-2522-01	248460 / DK-2622-01	248538 / DK-2522-01/3	248736 / DK-2922-01
2,0 m	248408 / DK-2522-02	248477 / DK-2622-02	248545 / DK-2522-02/3	248743 / DK-2922-02
3,0 m	248415 / DK-2522-03	248491 / DK-2622-03	248552 / DK-2522-03/3	248750 / DK-2922-03
5,0 m	248422 / DK-2522-05	248507 / DK-2622-05	248569 / DK-2522-05/3	248767 / DK-2922-05
7,0 m	248446 / DK-2522-07	248514 / DK-2622-07	248576 / DK-2522-07/3	248774 / DK-2922-07
10,0 m	248453 / DK-2522-10	248521 / DK-2622-10	248729 / DK-2522-10/3	248781 / DK-2922-10

Fiber-Optic Patch Cables

LC / LC
Fiber-optic patch cable, duplex

- LC / LC Connector
- Halogen free cable I-VH 2G-XXX (Multimode), I-VH 2E-XXX (Singlemode)
- OM3 up to 10Gbit Ethernet, OM1 & 2 1Gbit Ethernet
- Connector with ceramic ferrule
- Single packed, with test report



Multimode



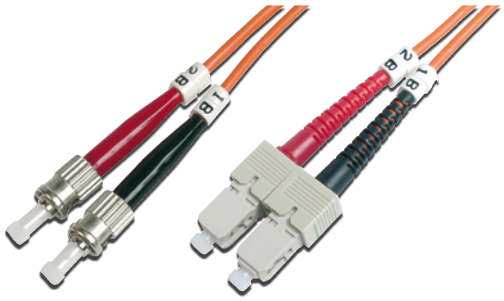
Singlemode

Please choose your requested product by the corresponding article number or the EAN code.

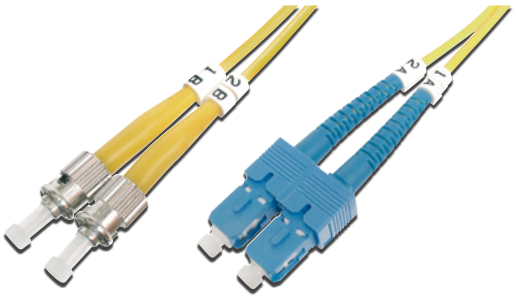
	Multimode OM2 - 50/125 µ	Multimode OM1 - 62,5/125 µ	Multimode OM3 - 50/125 µ	Singlemode - 9/125 µ
1,0 m	249030 / DK-2533-01	248798 / DK-2633-01	248859 / DK-2533-01/3	248910 / DK-2933-01
2,0 m	249054 / DK-2533-02	248804 / DK-2633-02	248866 / DK-2533-02/3	248927 / DK-2933-02
3,0 m	249047 / DK-2533-03	248811 / DK-2633-03	248873 / DK-2533-03/3	248934 / DK-2933-03
5,0 m	249061 / DK-2533-05	248828 / DK-2633-05	248880 / DK-2533-05/3	248941 / DK-2933-05
7,0 m	249078 / DK-2533-07	248835 / DK-2633-07	248897 / DK-2533-07/3	248958 / DK-2933-07
10,0 m	249085 / DK-2533-10	248842 / DK-2633-10	248903 / DK-2533-10/3	248965 / DK-2933-10

ST / SC
Fiber-optic patch cable, duplex

- ST / SC Connector
- Halogen free cable I-VH 2G-XXX (Multimode), I-VH 2E-XXX (Singlemode)
- OM3 up to 10Gbit Ethernet, OM1 & 2 1Gbit Ethernet
- Connector with ceramic ferrule
- Two color Boot (Multimode Cable)
- Single packed, with test report



Multimode



Singlemode

Please choose your requested product by the corresponding article number or the EAN code.

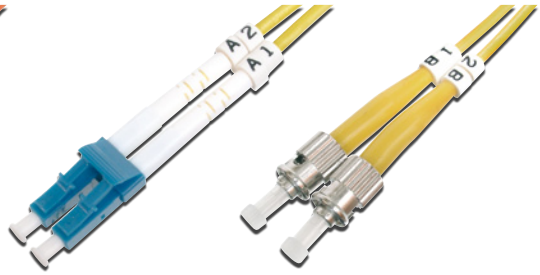
	Multimode OM2 - 50/125 µ	Multimode OM1 - 62,5/125 µ	Multimode OM3 - 50/125 µ	Singlemode - 9/125 µ
1,0 m	248606 / DK-2512-01	248668 / DK-2612-01	248972 / DK-2512-01/3	249092 / DK-2912-01
2,0 m	248613 / DK-2512-02	248675 / DK-2612-02	248989 / DK-2512-02/3	249108 / DK-2912-02
3,0 m	248620 / DK-2512-03	248682 / DK-2612-03	248996 / DK-2512-03/3	249115 / DK-2912-03
5,0 m	248637 / DK-2512-05	248699 / DK-2612-05	249009 / DK-2512-05/3	249122 / DK-2912-05
7,0 m	248644 / DK-2512-07	248705 / DK-2612-07	249016 / DK-2512-07/3	249139 / DK-2912-07
10,0 m	248651 / DK-2512-10	248712 / DK-2612-10	249023 / DK-2512-10/3	249146 / DK-2912-10

LC / ST
Fiber-optic patch cable, duplex

- LC / ST connector
- Halogen free cable I-VH 2G-XXX (Multimode), I-VH 2E-XXX (Singlemode)
- OM3 up to 10Gbit Ethernet, OM1 & 2 1Gbit Ethernet
- Connector with ceramic ferrule
- Two color Boot (Multimode Cable)
- Single packed, with test report



Multimode



Singlemode

Bitte wählen Sie aus der Tabelle Ihr gewünschtes Produkt, die dazugehörige Artikelnummer oder den EAN-Code.

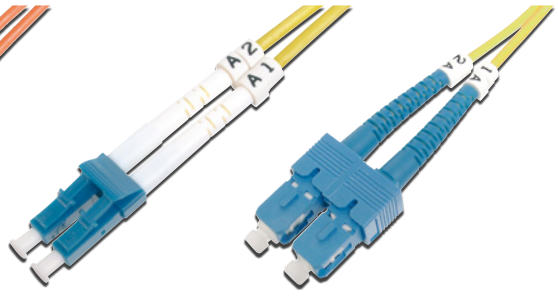
	Multimode OM2 - 50/125 µ	Multimode OM1 - 62,5/125 µ	Multimode OM3 - 50/125 µ	Singlemode - 9/125 µ
1,0 m	249153 / DK-2531-01	249214 / DK-2631-01	249276 / DK-2531-01/3	249337 / DK-2931-01
2,0 m	249160 / DK-2531-02	249221 / DK-2631-02	249283 / DK-2531-02/3	249344 / DK-2931-02
3,0 m	249177 / DK-2531-03	249238 / DK-2631-03	249290 / DK-2531-03/3	249351 / DK-2931-03
5,0 m	249184 / DK-2531-05	249245 / DK-2631-05	249306 / DK-2531-05/3	249368 / DK-2931-05
7,0 m	249191 / DK-2531-07	249252 / DK-2631-07	249313 / DK-2531-07/3	249375 / DK-2931-07
10,0 m	249207 / DK-2531-10	249269 / DK-2631-10	249320 / DK-2531-10/3	249382 / DK-2931-10

LC / SC
Fiber-optic patch cable, duplex

- LC / SC Connector
- Halogen free cable I-VH 2G-XXX (Multimode), I-VH 2E-XXX (Singlemode)
- OM3 up to 10Gbit Ethernet, OM1 & 2 1Gbit Ethernet
- Connector with ceramic ferrule
- Two color Boot (Multimode Cable)
- Single packed, with test report



Multimode



Singlemode

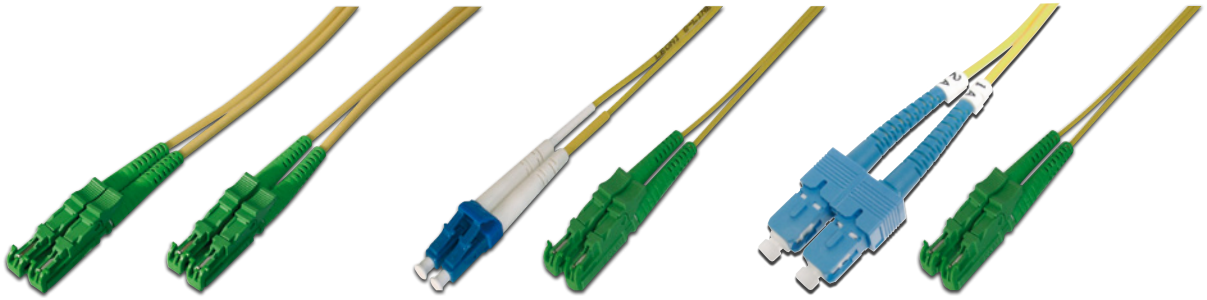
Bitte wählen Sie aus der Tabelle Ihr gewünschtes Produkt, die dazugehörige Artikelnummer oder den EAN-Code.

	Multimode OM2 - 50/125 µ	Multimode OM1 - 62,5/125 µ	Multimode OM3 - 50/125 µ	Singlemode - 9/125 µ
1,0 m	249399 / DK-2532-01	249467 / DK-2632-01	249566 / DK-2532-01/3	249634 / DK-2932-01
2,0 m	249405 / DK-2532-02	249474 / DK-2632-02	249580 / DK-2532-02/3	249641 / DK-2932-02
3,0 m	249412 / DK-2532-03	249481 / DK-2632-03	249597 / DK-2532-03/3	249658 / DK-2932-03
5,0 m	249436 / DK-2532-05	249498 / DK-2632-05	249603 / DK-2532-05/3	249665 / DK-2932-05
7,0 m	249443 / DK-2532-07	249511 / DK-2632-07	249610 / DK-2532-07/3	249672 / DK-2932-07
10,0 m	249450 / DK-2532-10	249528 / DK-2632-10	249627 / DK-2532-10/3	249689 / DK-2932-10

Fiber-Optic Patch Cables

E2000 / E2000, Fiberoptic patch cable, duplex

- Singlemode 09/125 µ with 8° APC
- Cable I-VH 2E-XXX, holgenfree
- Connector with ceramic ferrule
- Single packed with test report



Bitte wählen Sie aus der Tabelle Ihr gewünschtes Produkt, die dazugehörige Artikelnummer oder den EAN-Code.

	E 2000 (8° APC) - E 2000 (8° APC)	E 2000 (8° APC) - LC (PC)	E 2000 (8° APC) - SC (PC)
1,0 m	204725 / AL-9E2000-01I	204763 / AL-9E2000LC-01I	204800 / AL-9E2000SC-01I
2,0 m	204732 / AL-9E2000-02I	204770 / AL-9E2000LC-02I	204817 / AL-9E2000SC-02I
3,0 m	204749 / AL-9E2000-03I	204787 / AL-9E2000LC-03I	204824 / AL-9E2000SC-03I
5,0 m	204756 / AL-9E2000-05I	204794 / AL-9E2000LC-05I	204831 / AL-9E2000SC-05I

E 2000 Pigtail Simplex

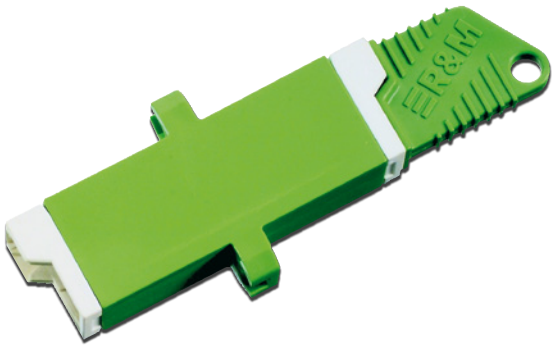


Cost reduction by verifiable quality and high performance
Simplex OS 1 09/125 µ 2m

- Connector 1 — E2000 (APC)
- Fiber class — OS1
- Fiber diameter — 9/125µ
- Mode — Singlemode
- Color cable — yellow
- Boot — single-color
- Length — 2 m
- Packaging — Polybag

204848 / AL-9FPE2000-02I
2m

E2000 coupler, Simplex



acc. IEC61754-15, DIN EN 186270

- acc. IEC61754-15, DIN EN 186270
- Singlemode
- Polymer housing (PBT); fiber-glass reinforced (LSOH)
- Zirkonia ceramic ferrule
- 8° APC
- Color green

204855 / ALWL-E2000
E2000 Singlemode with 8° APC, zirconia sleeve

Faserspezifikationen

G50/125
Multimodefaser G50/125 gemäß IEC 60 793-2-10

Geometric/mechanical properties

Core diameter (µm)	50 ± 2,5	Cladding non-circularity (%)	≤ 1
Coating diameter (µm)	125 ± 2	Core/cladding concentricity error (µm)	≤ 1
Core non-circularity (%)	245 ± 10	Eccentricity of coating (µm)	≤ 10
Core non-circularity (%)	≤ 5	Screen test	≥ 100 kpsi

Transmission properties	**Fiber type F**		**Fiber type G**		**Fiber type H**		**Fiber type I**		**Fiber type J**	
	(OM2)		(OM2+)		(OM2++)		(OM3)		(OM4)	
Wavelength (nm)	850	1300	850	1300	850	1300	850	1300	850	1300
Attenuation max. (dB/km)	2,4	0,7	2,4	0,7	2,4	0,7	2,5	0,7	2,4	0,6
Bandwidth min. OFL (MHz · km)	500	500	500	1000	750	500	1500	500	3500	500
Bandwidth min. EMB (MHz · km)	Not required		Not required		Not required		2000	300	4700	550
Effective group of refraction	1.483	1.478	1.483	1.478	1.483	1.478	1.483	1.478	1.483	1.478
Numerical aperture	0.200 ± 0.020		0.200 ± 0.015		0.200 ± 0.015		0.200 ± 0.015		0.200 ± 0.015	

G62,5/125
Multimodefaser G62,5/125 gemäß IEC 60 793-2-10

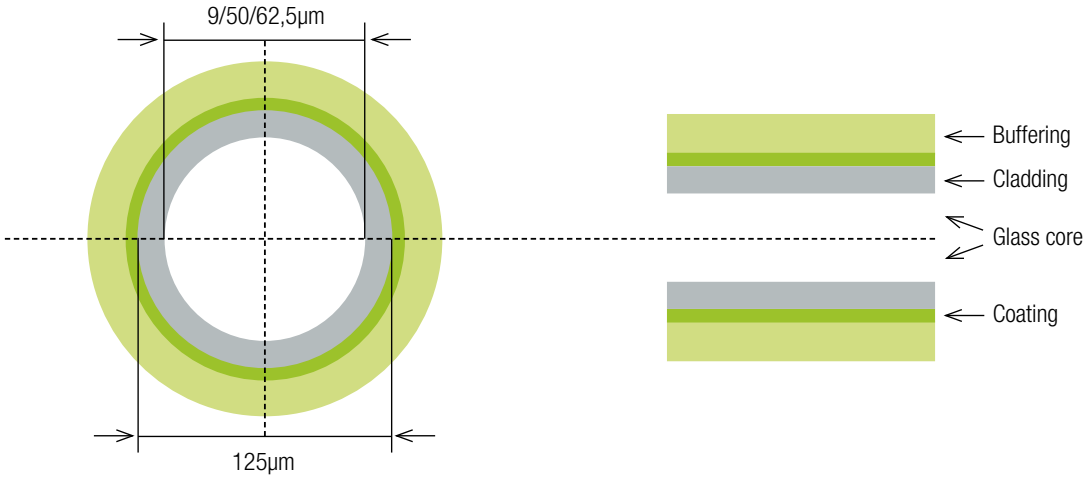
Geometric/mechanical properties

Core diameter (µm)	62,5 ±2,5	Cladding non-circularity (%)	< 1
Coating diameter (µm)	245 ±10	Core/cladding concentricity error (µm)	< 10
Core non-circularity (%)	≤ 5	Eccentricity of coating (µm)	< 10
Core non-circularity (%)	≤ 5	Screen test	1% Dehnung für 1 s (≙ 100 kpsi)

Transmission properties	**Fiber type L**		**Fiber type M**	
	(OM1)		(OM1+)	
Wavelength (nm)	850	1300	850	1300
Attenuation max. (dB/km)	2,9	0,7	2,9	0,7
Bandwidth min. OFL (MHz · km)	200	500	220	800
Bandwidth min. EMB (MHz · km)	Not required		Not required	
Effective group of refraction	1,497	1,493	1,497	1,493
Numerical aperture	0.275 ± 0.015		0.275 ± 0.015	

Twisted Pair Installation Cable

Faserspezifikationen



E9/125

Monomodefaser E9/125 (matched cladding type) acc. to ITU-T Rec. G.652.D, ITU-T Rec. G657.A and IEC 60 793-2-50

Geometric/mechanical properties

Core diameter (µm)	9.2 ± 0.4 / 8,6 ± 0.4	Mode field/cladding concentricity error (µm)	< 0.5
Coating diameter (µm)	245 ± 10	Eccentricity of coating (µm)	< 12
Core non-circularity (%)	≤ 0,4	Screen test	0,86 Gpa (1,2 % 120 kpsi)
Cladding non-circularity (%)	≤ 0,5		

Transmission properties	**Fiber type A**		**Fiber type B**		**Fiber type E**	
	acc. to ITU-T G.652.D and ISO 11801 type OS 2"		acc. to ITU-T G.652.D and ISO 11801 type OS 2"		acc. to ITU-T G.657.A	
	for semi-tight and tight buffered fibers		for loose tubes			
Wavelength (nm)	1310	1550	1310	1550	1310	1550
Attenuation max. (dB/km)	0,33	0,19	0,33	0,19	0,35	0,21
Dispersion coefficient max. (ps/nm · km)	3,5	17	3,5	17	≤ 3	≤ 18
Zero dispersion wavelength (nm)	1300 – 1324		1300 – 1324		1300 – 1324	
Dispersion slope (ps/nm2 · km)	≤ 0.090		≤ 0.090		≤ 0.092	
Cut-off wavelength (cabled) (nm)	≤ 1260		≤ 1260		≤ 1260 nm	
Polarisation mode dispersion (ps/ √ KM)	≤ 0.2		≤ 0.2		≤ 0.2	
Effective group of refraction	1,466	1,467	1,466	1,467	1,466	1,467
Mode field diameter at 1310 µm (µm)	9.2 ± 0.4		9.2 ± 0.4		8,6 ± 0.4	

Technical Data

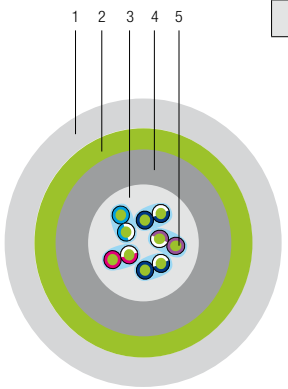
Universal FIBER OPTIC CABLES – Central Loose Tube
AI-DQ(ZN)BH
4 – 24 CORES G50/125, G62,5/125 , E9/125

Characteristics		Offered by the Tenders
1. No of tubes		1 (One Tube) ; (24 fibers = two tubes)
2. No of Fibers per Cable		4 …12 Fibers (24 fibers = 2 x 12 fibers per each tube)
3. Loose tube - Material - Diameter - Type of filling compound		 - Polybuteneterephteleta (PBT) - 3,5 mm - Thyrotrophic jelly
4. Tensile strength member - Material		 - Glass yarn
5. Outer Sheath - Material and Thickness		 - LSOH-UV - 1,5 mm thickness
6. Drum Length		2000 meters (± 10 %)
7. Cable weight (kg/km) approx.		80 kg / Km
8. Outer Diameter of cable approx.		7 mm
9.Test results of Mechanical characteristics		
Tensile strength	IEC – 974-1-E1	- 900 / 1200 N
Bending radius	IEC – 974-1-E11	- 15 X O. Diameter of cable (Static) - 20 X O. Diameter of cable (dynamic)
Operating Temperature	IEC – 974-1-F1	- 30 degree to +60 degree
Storage Temperature	IEC – 974-1-F1	- 40 degree to +70 degree
Installation Temperature		- 5°C up to +50°C
Impact Resistance	IEC – 974-1-E4	- 20nm
Crush Resistance	IEC – 974-1-E3	- 1500 N
Repeated Bending	IEC – 974-1-E6	- 10xD / 50N Load (10 Bending)
Flame resistant	IEC – 332-3	
Fiber spezifiCATion	G50/125 OM2	EN188201, IEC 793-2, ITU G651
	G50/125 OM3	EN188201, IEC 793-2
	G62,5/125 OM1	EN188202, IEC 793-2)
	E9/125 OS1	IEC/EN 60793-1, IEC/EN 60793-2, ITU G652B

Features: Elimination of one splice at building entrance
Longitudinaly and laterally water-resistant
Non-metal rodent protection
UV resistant LSZH Outer cable jacket

Attenuation for cable	
Ref (nm)	Max.
850	3,2 dB/km
1300	1,0 dB/km

Faseranzahl	Multimode 50/125 OM2	Multimode 50/125 OM3	Multimode 62.5/125 OM1	Singlemode 9/125 OS1 (G652B)
4	DK-35041-U	DK-35041/3-U	DK-36041-U	DK-36241-U
6	DK-35061-U			
8	DK-35081-U	DK-35081/3-U	DK-36081-U	DK-39081-U
12	DK-35121-U	DK-35121/3-U	DK-36121-U	DK-39121-U
24	DK-35241-U	DK-35241/3-U	DK-36241-U	DK-39241-U
Color jacket	black	turqouise	black	yellow



1 Cable jacket (LSOH-UV Jacket)
2 Glassgarn
3 Gel-filled
4 Loose tube
5 12 Fibers max. / Loose tube

Number of optical fibre or patch cord	FOTAG Code	Number of optical fibre or patch cord	FOTAG Code
1	Blue	7	Red
2	Orange	8	Black
3	Green	9	Yellow
4	Brown	10	Purple
5	Grey	11	Pink
6	White	12	Turquoise

Universal Fiber Optic Cables

Technical Data

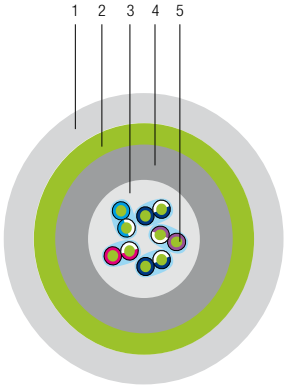
Universal FIBER OPTIC CABLES – Central Loose Tube
A-DQ(ZN)B2Y
4 – 24 CORES G50/125, G62,5/125 , E9/125

Characteristics		Offered by the Tenders
1. No of tubes		1 (One Tube) ; (24 fibers = two tubes)
2. No of Fibers per Cable		4 …12 Fibers (24 fibers = 2 x 12 fibers per each tube)
3. Loose tube - Material - Diameter - Type of filling compound		- Polybuteneterephteleta (PBT) - 3,5 mm - Thyrotrophic jelly
4. Tensile strength member - Material		- Glass yarn
5. Outer Sheath - Material and Thickness		- HDPE - 1,5 mm thickness
6. Drum Length		2000 meters (± 10 %)
7. Cable weight (kg/km) approx.		80 kg / Km
8. Outer Diameter of cable approx.		7 mm
9.Test results of Mechanical characteristics		
Tensile strength	IEC – 974-1-E1	- 900 / 1200 N
Bending radius	IEC – 974-1-E11	- 15 X O. Diameter of cable (Static) - 20 X O. Diameter of cable (dynamic)
Operating Temperature	IEC – 974-1-F1	- 30 degree to +60 degree
Storage Temperature	IEC – 974-1-F1	- 40 degree to +70 degree
Installation Temperature		- 0°C up to +50°C
Impact Resistance	IEC – 974-1-E4	- 20nm
Crush Resistance	IEC – 974-1-E3	- 1500 N
Repeated Bending	IEC – 974-1-E6	- 10xD / 50N Load (10 Bending)
Flame resistant	IEC – 332-3	
Fiber spezifiCATion	G50/125 OM2	EN188201, IEC 793-2, ITU G651
	G50/125 OM3	EN188201, IEC 793-2
	G62,5/125 OM1	EN188202, IEC 793-2)
	E9/125 OS1	IEC/EN 60793-1, IEC/EN 60793-2, ITU G652B

Features: Useable for campus cabling
ReloCATion in the outer area
Longitudinaly and laterally water-resistant
Non-metal rodent protection
UV resistant HDPE Outer cable jacket

Attenuation for cable	
Ref (nm)	Max.
850	3,2 dB/km
1300	1,0 dB/km

Faseranzahl	Multimode 50/125 OM2	Multimode 50/125 OM3	Singlemode 9/125 OS1 (G652B)
4	DK-35041-O	DK-35041/3-O	DK-39041-O
8	DK-35081-O	DK-35081/3-O	DK-39081-O
12	DK-35121-O	DK-35121/3-O	DK-39121-O
24	DK-35241-O	DK-35241/3-O	DK-39241-O
Color jacket	black		



1 Cable jacket (LSOH-UV Jacket)
2 Glassgarn
3 Gel-filled
4 Loose tube
5 12 Fibers max. / Loose tube

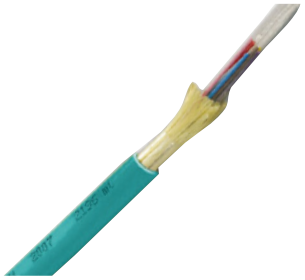
Number of optical fibre or patch cord	FOTAG Code	Number of optical fibre or patch cord	FOTAG Code
1	Blue	7	Red
2	Orange	8	Black
3	Green	9	Yellow
4	Brown	10	Purple
5	Grey	11	Pink
6	White	12	Turquoise

DIGITUS® Universal Fiber Optic Installation Cable, OM3

Best performance and link quality for your network

Universally useable, for indoor and outdoor use

- Central loose tube cable
- Multimode G50/125 OM3
- LSZH-Outer Sheath
- Halogen-free, flame-resistant as per IEC 332-3 C
- UV-resistant
- Longitudinaly and laterally water-resistant
- Glass yarn armoured
- Non-metal rodent protection
- Metal free
- Color coded fibers
- 4 Fibers



272212 / DK-35041/3-U
Universal Fiber Optic Installation Cable, OM3, 4 Fibers

272229 / DK-35081/3-U
Universal Fiber Optic Installation Cable, OM3, 8 Fibers

272236 / DK-35121/3-U
Universal Fiber Optic Installation Cable, OM3, 12 Fibers

272243 / DK-35241/3-U
Universal Fiber Optic Installation Cable, OM3, 24 Fibers

DIGITUS® Universal Fiber Optic Installation Cable, OM2

Best performance and link quality for your network

Universally useable, for indoor and outdoor use

- Central loose tube cable
- Multimode G50/125 OM2
- LSZH-Outer Sheath
- Halogen-free, flame-resistant as per IEC 332-3 C
- UV-resistant
- Longitudinaly and laterally water-resistant
- Glass yarn armoured
- Non-metal rodent protection
- Metal free
- Color coded fibers
- 4 Fibers



272076 / DK-35041-U
Universal Fiber Optic Installation Cable, OM2, 4 Fibers

272090 / DK-35081-U
Universal Fiber Optic Installation Cable, OM2, 8 Fibers

272106 / DK-35121-U
Universal Fiber Optic Installation Cable, OM2, 12 Fibers

272113 / DK-35241-U
Universal Fiber Optic Installation Cable, OM2, 24 Fibers

DIGITUS® Universal Fiber Optic Installation Cable, OS1

Best performance and link quality for your network

Universally useable, for indoor and outdoor use

- Central loose tube cable
- Singlemode E09/125 OS1
- LSZH-Outer Sheath
- Halogen-free, flame-resistant as per IEC 332-3 C
- UV-resistant
- Longitudinaly and laterally water-resistant
- Glass yarn armoured
- Non-metal rodent protection
- Metal free
- Color coded fibers
- 4 Fibers



272175 / DK-39041-U
Universal Fiber Optic Installation Cable, OS1, 4 Fibers

272182 / DK-39081-U
Universal Fiber Optic Installation Cable, OS1, 8 Fibers

272199 / DK-39121-U
Universal Fiber Optic Installation Cable, OS1, 12 Fibers

272205 / DK-39241-U
Universal Fiber Optic Installation Cable, OS1, 24 Fibers

Pigtail

Technical Data Pigtail

	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± 15µm	Acrylate; Ø 250± 15µm	Acrylate; Ø 250± 15µm	Acrylate; Ø 250± 15µm
Secondary Coating	Ø 0,9 ± 0,1mm	Ø 0,9 ± 0,1mm	Ø 0,9 ± 0,1mm	Ø 0,9 ± 0,1mm
Coating (buffer) color	SM: yellow 50/125 OM2: green 50/125 OM3: Aqua 62/125 OM1: orange	SM: yellow 50/125 OM2: green 50/125 OM3: Aqua 62/125 OM1: orange	SM: yellow 50/125 OM2: green 50/125 OM3: Aqua 62/125 OM1: orange	SM: yellow 50/125 OM2: green 50/125 OM3: Aqua 62/125 OM1: orange
Isolation strandet wire	hytrel / kevlar; Ø 1,4mm (± 0,2mm)	hytrel / kevlar; Ø 1,4mm (± 0,2mm)	hytrel / kevlar; Ø 1,4mm (± 0,2mm)	hytrel / kevlar; Ø 1,4mm (± 0,2mm)
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. 0,5dB MM PC: max. 0,4dB	SM PC: max. 0,5dB MM PC: max. 0,4dB	SM PC: max. 0,5dB MM PC: max. 0,4dB	SM PC: max. 0,5dB MM PC: max. 0,4dB
Return loss	SM PC : > 35dB MM PC: > 25dB	SM PC : > 35dB SM SPC: > 45dB SM UPC: > 50dB MM PC: > 25dB	SM PC : > 35dB SM SPC: > 45dB SM UPC: > 50dB MM PC: > 25dB	SM PC : > 35dB SM SPC: > 45dB SM UPC: > 50dB MM PC: > 25dB
Life cycle	> 500 connections	> 500 connections	> 500 connections	> 1000 connections

Technical Data E2000 patch cables

	E2000/APC 8° - LC/PC **AL-9E2000LC-01I … AL9E2000LC-05I**	**E2000/APC 8° - SC/PC** **AL-9E2000SC-01I … AL9E2000SC-05I**	**E2000/APC 8°- E2000/APC 8°** **AL-9E2000-01I … AL-9E2000:05I**
Mechanical Properties			
Primary Coating	Acrylate; Ø 250± 15µm	Acrylate; Ø 250± 15µm	Acrylate; Ø 250± 15µm
Secondary Coating	Ø 0,9 ± 0,1mm	Ø 0,9 ± 0,1mm	Ø 0,9 ± 0,1mm
Coating color	SM: yellow 50/125 OM2: green 50/125 OM3: Aqua 62/125 OM1: orange	SM: yellow 50/125 OM2: green 50/125 OM3: Aqua 62/125 OM1: orange	SM: yellow 50/125 OM2: green 50/125 OM3: Aqua 62/125 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	LSZH	LSZH	LSZH
Cable building	SM: 2x4mm or 3x6mm MM: 2,5x5mm	SM: 2x4mm or 3x6mm MM: 2,5x5mm	SM: 2x4mm or 3x6mm MM: 2,5x5mm
Optical Properties			
Insertion loss	SM APC: max. 0,5dB	SM APC: max. 0,5dB	SM PC: max. 0,5dB MM PC: max. 0,4dB
Return loss	SM APC: min. 60dB	SM APC: min. 60dB	SM PC : > 35dB SM SPC: > 45dB SM UPC: > 50dB MM PC: > 25dB
Life cycle	> 500 connections	> 500 connections	> 1000 connections

DIGITUS® colored pigtails, LC OM3 50/125 µ, Simplex

Simplex OM 3 50/125µ 2m

- Loose buffer
- Colored buffer, according to IEC 304 in the colors white, violet, turquoise, black, red, pink, orange, gray, green, yellow, brown, blue
- 12 pcs in package



280163 / DK-25332-02
LC simplex pigtail, OM2 50/125 µ 2m

263005 / DK-25332-02/3
OM3 Simplex Pigtails, LC 2m

280170 / DK-29332-02
LC simplex pigtail, OS1 09/125 µ 2m

DIGITUS® colored pigtails, SC OM3 50/125 µ, Simplex

Simplex OM 3 50/125µ 2m

- Semi-tight buffer
- Colored buffer, according to IEC 304 in the colors white, violet, turquoise, black, red, pink, orange, gray, green, yellow, brown, blue
- 12 pcs in package



261643 / DK-25221-02
OM2 Simplex Pigtails, SC 2m

262992 / DK-25221-02/3
SC simplex pigtail, OM3 50/125 µ 2m

280187 / DK-29221-02
SC simplex pigtail, OS1 09/125 µ 2m

DIGITUS® colored pigtails, ST OM3 50/125 µ, Simplex

Best performance and link quality for your network

Simplex OM 3 50/125µ 2m

- Semi-tight buffer
- Colored buffer, according to IEC 304 in the colors white, violet, turquoise, black, red, pink, orange, gray, green, yellow, brown, blue
- 12 pcs in package



254225 / DK-25112-02
OM2 Simplex Pigtails, ST 2m

262985 / DK-25112-02/3
OM3 Simplex Pigtails, ST 2m

280194 / DK-29112-02
ST simplex pigtail, OS1 09/125 µ 2m

Technical Data

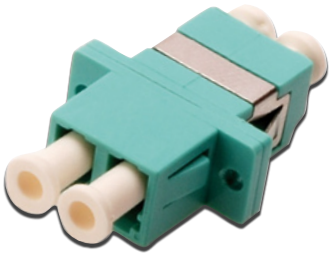
	ST DN-96001; DN-96002	ST ALWL-ST	SC DN-96004; DN-96003	SC-DP ALWL-SCD
Standards				
Connector	IEC 61754-2 1996	IEC 61754-2 1997	IEC 61754-4 2002	IEC 61754-4 2003
Mechanical Properties				
Material: connector ferrule	Zirconia ceramic	Zirconia ceramic	Zirconia ceramic	Zirconia ceramic
Material: inner adaptor sleeve	SM: Zirconia ceramic MM: Phosphor bronze		SM: Zirconia ceramic MM: Phosphor bronze	
Material: connector boddy/adaptor boddy	Nickel plated zinc alcoy	Nickel plated zinc alcoy	PBT	PBT
Material: tension relief, dust caps	flame retarnd, elastomer, non halogen	flame retarnd, elastomer, non halogen	flame retarnd, elastomer, non halogen	flame retarnd, elastomer, non halogen
Mating cycle		min. 500		min. 1000
Operating 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°
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	SM PC: max. 0,5dB MM PC: max. 0,4dB	MM PC: max. 0,4dB	MM PC: max. 0,4dB	MM PC: max. 0,4dB
Insertion loss: adaptor (ceramic)	SM PC: max. 0,3dB		SM PC: max. 0,3dB	
Insertion loss: adaptor (CuSn)	MM PC: max. 0,4dB		MM PC: max. 0,4dB	
Return loss	SM PC : > 35dB MM PC: > 25dB	MM PC: > 25dB	SM PC : > 35dB SM SPC: > 45dB SM UPC: > 50dB MM PC: > 25dB"	MM PC: > 25dB

	LC DN-96008; DN-96007	LC-DP ALWL-LCD	E2000 ALWL-E2000
Standards			
Connector	IEC 61754-20 2002	IEC 61754-20 2003	IEC 61754-15 2009
Mechanical Properties			
Material: connector ferrule	Zirconia ceramic	Zirconia ceramic	Zirconia ceramic
Material: inner adaptor sleeve	SM: Zirconia ceramic MM: Phosphor bronze		SM: Zirconia ceramic MM: Phosphor bronze
Material: connector boddy/adaptor boddy	PBT	PBT	PEI ULTEM
Material: tension relief, dust caps	flame retarnd, elastomer, non halogen	flame retarnd, elastomer, non halogen	flame retarnd, elastomer, non halogen
Mating cycle			
Operating temperature	min: -25 °C max: +80 C°	min: -25 °C max: +80 C°	min: -25 °C max: +80 C°
Storage temperature	min: -20 °C max: +65 C°	min: -20 °C max: +65 C°	min: -20 °C max: +65 C°
Optical Properties			
Insertion loss: connector	SM PC: max. 0,5dB MM PC: max. 0,4dB	MM PC: max. 0,4dB	SM PC: max. 0,5dB MM PC: max. 0,4dB
Insertion loss: adaptor (ceramic)	SM PC: max. 0,3dB		SM PC: max. 0,3dB
Insertion loss: adaptor (CuSn)	MM PC: max. 0,4dB	MM PC: max. 0,4dB	MM PC: max. 0,4dB
Return loss	SM PC : > 35dB SM SPC: > 45dB SM UPC: > 50dB MM PC: > 25dB	MM PC: > 25dB	SM PC : > 35dB SM SPC: > 45dB SM UPC: > 50dB MM PC: > 25dB

DIGITUS® LC / LC Coupler, Multimode

LC / LC

- Duplex
- Multimode
- Phosphor Bronze Ferrule
- Polymer housing
- aqua color



280156 / DN-96009
LC / LC Coupler, Multimode, PhSn sleeve

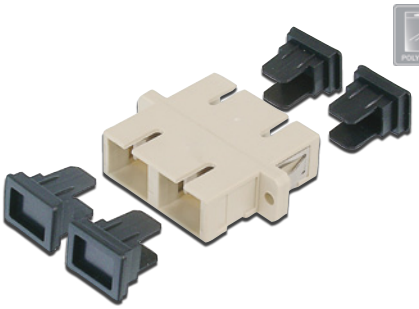
280132 / DN-96007
LC / LC Coupler, Singlemode, ceramic sleeve

280149 / DN-96008
LC / LC Coupler, Multimode, PhSn sleeve

DIGITUS® SC / SC Coupler, Multimode

SC / SC

- Duplex
- Multimode
- Phosphor Bronze Ferrule
- Metal housing
- incl. fixing material



280101 / DN-96004
SC / SC Coupler, Multimode, PhSn sleeve

280118 / DN-96006
SC / SC Coupler, Multimode, PhSn sleeve, Metal housing

267157 / DN-96005
SC / SC Coupler, Multimode, aqua, PhSn sleeve

280088 / DN-96003
SC / SC Coupler, Singlemode, ceramic sleeve

DIGITUS® ST / ST Coupler, Singlemode

ST / ST

- Simplex
- Singlemode
- Zirkonia ceramic ferrule
- Metal housing
- Yellow dust protection caps



266471 / DN-96002
ST / ST Coupler, Multimode, PhSn ferrule

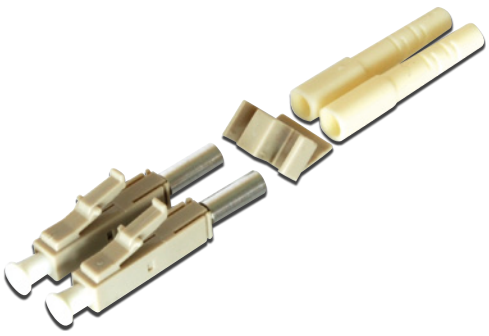
266464 / DN-96001
ST / ST Coupler, Singlemode, ceramic ferrule

Fiber-Optic Couplers + Connectors

LC duplex Connector

Standard connector acc. IEC 61754-20 2002

- Operating temperature: -25°C ... +80°C
- Storage temperature: -20°C ... +65°C
- Insertion loss MM PC: max. 0,4dB
- Return loss MM PC: > 25dB
- Male , crimping sleeve and tension relief
- Polymer housing
- Clamp for LC connector
- Zirkonia ceramic ferrule

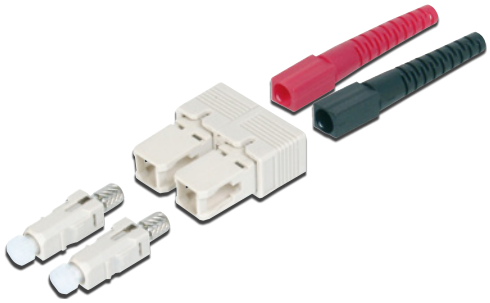


133742 / ALWL-LCD
LC duplex Connector

SC Duplex connectors

Standard connector acc. IEC 61754-4 2002

- Operating temperature: -25°C ... +80°C
- Storage temperature: -20°C ... +65°C
- Insertion loss MM PC: max. 0,4dB
- Return loss MM PC: > 25dB
- Male , crimping sleeve and tension relief
- Polymer housing
- Zirkonia ceramic ferrule
- Kink Protection Boot, red
- Kink Protection Boot, black



007555 / ALWL-SCD
SC Multimode, phosphor bronze sleeve, two color boots

ST Simplex connectors

Standard connector acc. IEC 61754-2 1996

- Operating temperature: -25°C ... +80°C
- Storage temperature: -20°C ... +65°C
- Insertion loss MM PC: max. 0,4dB
- Return loss MM PC: > 25dB
- Male, crimping sleeve and tension relief
- Metallcase
- Zirkonia ceramic ferrule
- Kink Protection Boot, black



007616 / ALWL-ST
ST Multimode Connector, phosphor bronze, black boot

178927 / ALWL-ST-9
ST Singlemode Connector, zirconia sleeve, yellow boot



215 – 220

Telephone Wall Plates 216
Wall Outlets 218

Telephone wall plates

Telephone socket, TAE NFF

BASIC

2 phones as well as 1 additional devices as for example fax or answering machine can be connected to this telephone socket.
- 3x TAE jack, NFF
- Surface mounting
- CE compliant
- Color: white



255925 / **AK-618003** TAE Socket NFF, surface mounting, white
266068 / **DK-618003**

UAE socket, RJ45 8/8

BASIC

- 2x Modular jack, RJ45 8P8C
- 2 seperate lines
- Slant outlet
- Flush mounting
- CE compliant
- Color: white



255963 / **AK-617006** AK-617006
267010 / **DK-617006**

UAE socket, RJ45 8/8

BASIC

- 2x Modular jack, RJ45 8P8C
- 2 seperate lines
- Slant outlet
- Surface mounting
- CE compliant
- Color: white



255956 / **AK-617005** AK-617005
267027 / **DK-617005**

Telephone socket, TAE NFF

BASIC

2 phones as well as 1 additional devices as for example fax or answering machine can be connected to this telephone socket.
- 3x TAE jack, NFF
- Flush mounting
- CE compliant
- Color: white



255932 / **AK-618004** TAE Socket NFF, flush mounting, white
266075 / **DK-618004**

Telephone socket, TAE NFN

BASIC

1 phone as well as 2 additional devices as for example fax or answering machine can be connected to this telephone socket.
- 3x TAE jack, NFN
- 1x phone line + 2x additional lines
- Flush mounting
- CE compliant
- Color: white



255901 / **AK-618002** TAE Socket NFN, flush mounting, white
266051 / **DK-618002**

Telephone socket, TAE NFN

BASIC

1 phone as well as 2 additional devices as for example fax or answering machine can be connected to this telephone socket.
- 3x TAE jack, NFN
- 1x phone line + 2x additional lines
- Surface mounting
- CE compliant
- Color: white



255895 / **AK-618001** TAE Socket NFN, Surface mounting , white
266044 / **DK-618001**

Wall Outlet

CAT 6a network wall outlet, shielded



- CAT 6 Class EA for up to 500 MHz
- Qualified for 10 GBit Ethernet
- Design compatible with common switch programmes
- Central plate with integrated dust cover
- Shielded RJ45 sockets, 8P8C
- Label window with tag
- 360° Shield coverage
- 2x Shielded RJ45 sockets
- Cable installation via LSA strips, color coded according to EIA/TIA 568 A & B
- Frame 80x80mm incl. central plate 50x50mm according to DIN 49075
- Horizontal cable entry
- Color pure white RAL 9010

278207 / **DN-9008**	CAT 6a network wall outlet, shielded

CAT 6 De Embedded wall outlets, design compatible, surface mount



- CAT 6, EIA/TIA 568 und ISO/IEC 11801 / EN 50173
- GHMT CAT 6 DE EMBEDDED certified according to LINK Performance CAT 6 CLASS E
- Design compatible with common switch programmes
- Central plate with integrated dust cover
- Complete shielding of RJ45 sockets and LSA strips from enclosed metal die cast housing
- Integrated installation cable strain relief
- 40° socket angle
- Trunking system, surface / flush mount ready
- Cable installation via LSA strips, color codes based on EIA/TIA 568 A & B
- Horizontal cable entry
- Color: RAL 1013

301974 / **DN-9007-S**	Cat6 Outlet, surface mount

CAT 6 wall outlet, flush mount



Full compatible design

Tested for Link Performance Class E, for up to 250MHz, EN 50173 and ISO/IEC 11801

- CAT 6, EIA/TIA 568 und ISO/IEC 11801 / EN 50173
- Suitable for up to 250MHz
- Complete shielding of RJ45 sockets and LSA strips from enclosed metal die cast housing
- Integrated installation cable strain relief
- 40° socket angle
- Trunking system, surface / flush mount ready
- Cable installation via LSA strips, color codes based on EIA/TIA 568 A & B
- Frame 80x80mm incl. central plate 50x50mm according to DIN 49075
- Horizontal cable entry
- Color RAL 9010

175711 / **DN-9005-N**	CAT 6 Outlet, flush mount
175759 / **DN-9005/B5-N**	CAT 6 Outlet, Flush mount, 5 pcs.

CAT 6 modular wall outlet, shielded



- CAT 6, EIA/TIA 568 und ISO/IEC 11801 / EN 50173
- Tested and 3P Channel Link certified for LINK Performance CAT 6 CLASS E for up to 250MHz, 1Gbit Ethernet
- Complete shielding of RJ45 sockets and LSA strips from enclosed metal die cast housing
- Integrated installation cable strain relief
- 40° socket angle
- Trunking system, surface / flush mount ready
- Cable installation via LSA strips, color codes based on EIA/TIA 568 A & B
- Cover frame in 80/80mm incl. Central plate 50x50mm according to DIN 49075
- Horizontal cable entry
- Color white RAL 9010

175735 / **DN-9006-N**	CAT 6 Outlet, Surface mount
175742 / **DN-9006/B5-N**	CAT 6 Outlet, Surface mount, 5 pcs.

CAT 5e wall outlet, flush mount, shielded



Full compatible design

Applicable for horizontal cabling systems acc. ISO/IEC 11801.2 Class Link-D
- CAT 5e, EIA TIA 568 and ISO IEC 11801 / EN 50173
- Suitable for up to 100MHz
- Complete shielding of RJ45 sockets and LSA strips from enclosed metal die cast housing
- Integrated installation cable strain relief
- 40° socket angle
- Trunking system, surface / flush mount possible
- Cable installation via LSA strips, color coded according to EIA/TIA 568 A & B
- Frame 80x80mm incl. central plate 50x50mm according to DIN 49075
- Horizontal cable entry
- Color RAL 9010

175650 / **DN-9001-N**	CAT 5e outlet, flush mount
175704 / **DN-9001/B5-N**	CAT 5e Outlet, Flush mount, 5 pcs.

CAT 5e Wall Outlets shielded, surface mount



- CAT 5e, EIA TIA 568 and ISO IEC 11801 / EN 50173
- Suitable up to 100MHz
- Complete shielding of RJ45 sockets and LSA strips from enclosed metal die cast housing
- Integrated installation cable strain relief
- 40° socket angle
- On wall / in wall ready
- Cable installation via LSA strips, colour codes based on EIA/TIA 568 A & B
- Frame 80x80mm incl. central plate 50x50mm according to DIN 49075
- Color RAL 9010

175681 / **DN-9002-N**	CAT 5e Outlet, surface mount
175698 / **DN-9002/B5-N**	CAT 5e Outlet, Surface mount, 5 pcs.

Take a look at www.DIGITUS-PROFESSIONAL.com



221 – 228

Installation Accessories..... 222
Test Devices 225

Installation Accessories

Mainboard and drive mounting kit, version_1

CLASSIC

- 28x screws for mounting mainboard, case cover and hard drives
- 10x screws for mounting CD-ROM, DVD drives, etc.
- 6x plastic mainboard spacers
- 2x metal spacers and insulating washers

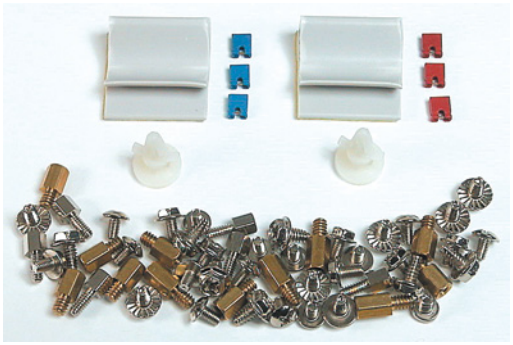


107712 / **A PCMOUNT-KIT1**	PC Mounting Set, vers. 1
107729 / **A PCMOUNT-KIT2**	Mainboard and Drive Mounting Kit

Mainboard and drive mounting kit, version_2

CLASSIC

- 14x screws for mounting mainboard, case cover and hard drives
- 20x screws for mounting CD-ROM, DVD drives, etc.
- 2x plastic mainboard spacer
- 12x metal spacer (long and short threads)
- 6x jumpers
- 6x DSUB screws, long threading
- 2x ribbon cable mounting clips with adhesive base

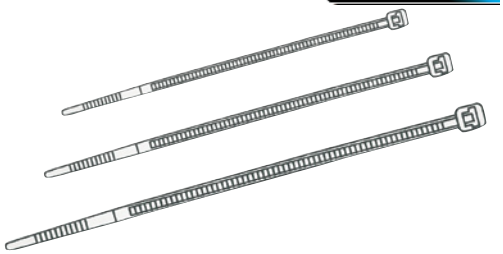


107729 / **A PCMOUNT-KIT2**	Mainboard and Drive Mounting Kit

Cable Tie, industrial standard

CLASSIC

- Nylon, UL tested, flame protection as per UL 94V-2
- Max. tensile stress 50kg
- Packaging unit 100 pieces



064718 / **AKB-1**	L 120 x W 2,6 mm
064725 / **AKB-2**	L 160 x B 2,6 mm
064732 / **AKB-3**	L 200 x B 2,6 mm

Cable Tie with marking plate

CLASSIC

- Nylon, UL tested, flame protection as per UL 94V-2
- Max. tensile stress 8kg
- Packaging unit 100 pieces

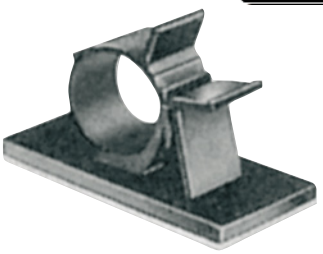


051831 / **AKB-1KE**	L 100 x W 2,5 mm
051855 / **AKB-2KE**	L 200 x B 2,5 mm

Roundcable holders, self-adhesive

CLASSIC

- Diameter variable up to max. 20mm
- The cable holder can be opened again after closing
- Self-adhesive design
- Set = 5 pieces



061205 / **A-CABLE MANAGER**	5 pcs. roundcable holders

Two-Way cable tie attachment base

CLASSIC

- Nylon
- Packaging unit 100 pieces
- For attaching cable ties
- Self-adhesive design



051848 / **AKB-1SOK**	for max. 3,6 mm width, self-adhesive

Cable Organizer and Installation Accessories

Reusable cable ties, pack of 5 pcs.

CLASSIC

For a well-regulated cable management

- Velcro fastener
- Five different colors
- Total length 16cm
- Width 16mm



170334 / **DA-CT4001** cable ties, 5 pcs.

Network- and communication cable tester, RJ45 and BNC

CLASSIC



Specifically designed for quick and easy testing of your network cables

- Test function for cables with RJ45, RJ12, RJ11 and BNC plug
- Auto-scan and step by step testing
- Loop-back: for testing and localising of already laid network or communication cables
- Continuity: for continuity testing of network or communication cables
- Open: for localising of disconnected single wires
- Shorts: locating of short-circuited single wires
- Miss-wire: identification of non-conform wire assignment
- Pin to pin configuration: 1:1 assignment testing
- Main device with 2x RJ45 jack, remote unit with 1x RJ45 jack
- Various LEDs for status display, operates with 9 Volt block battery
- Includes two-language manual and modular BNC adapter

126454 / **DN-14001** Cable tester, RJ-45 and BNC

Premium network cable tester, RJ45, BNC

CLASSIC



- Backlit LCD display
- 2 x RJ45 connections
- Remote unit with 1x RJ45 connection
- Preset test modes for 10(100)Base-T, Token Ring, TP-PMD, AT&T 258A, EIA/TIA-568A/B USOC, 10Base-2 (BNC)
- 4 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
- Delivery includes 2x RJ45 / BNC adapters, 30cm patch cable and storage bag

079248 / **ACT-LCS-400** Network cable tester

Modular cable tester, RJ45 & BNC

CLASSIC



- Test function for cables with RJ45, RJ12, RJ11 plugs
- Tests: continuity, assignment, pairing and shielding
- Line / voltage detection
- Main device with 2x RJ45, 1x BNC jack, remote unit with 1x RJ45, jack
- Even already laid cable can be tested with the remote unit
- Various LEDs for status display, operates with 9 Volt block battery
- Includes synthetic leather carry case

126096 / **ACT-LAN-CT** Modular cable tester, RJ45 & BNC

Network- and Cabletester

Network cable tester, RJ45 & BNC

CLASSIC

- Test function for cable with RJ45/11 UTP/STP and BNC plugs, patch panels and modular sockets
- Coaxial cable test using BNC adapter
- Manual or automatic test procedure
- Tests: Continuity, assignment, shielding, pairing as per EIA/TIA 356A / 568A / 568B / Token Ring
- Main device with 2x RJ45 jack, remote unit with 1x RJ45 jack
- Even already laid cable can be tested with the remote unit
- Supplied with case and BNC adapter



126089 / **ACT-LAN-PRO** Network cable tester, RJ45 & BNC

Network and cable tester with remote ID modules

CLASSIC

- Cable tester with sound generator, network tester and port ID finder
- 2 x RJ45 connections
- Remote unit with 1x RJ45 connection
- Manual or automatic test execution
- Tests: Continuity, assignment, shielding, pairing as per EIA/TIA 356A / 568A / 568B / Token Ring
- 2-digit, 7-segment display shows the ID for the selected remote unit
- Display of the network type and network speed
- Sound generator for detected defective cables (Tracer not included!)
- Terminator loopback test, cable measurement with up to 25 remote units
- Automatic cable identification
- Package includes 25 remote ID modules



158745 / **ACT-LAN-MOD** Network and cable tester

PSIBER Data Systems LAN Master Network Link Tester

CLASSIC

- Display network type, network speed and duplex mode
- Displays errors and polarity of the connection
- Identifies VoIP (voice over IP) and PoE (power over Ethernet) ports
- Activates the port LED of a hub / switch for clear allocation of a connection
- Display and warning of incorrect duplex settings
- Supplied: 1x RJ45 jack to RJ45 coupler 1x 9V battery plus manual



179856 / **ACT-LM26** LAN Master „Link Tester“ with VoIP and PoE Identification

PSIBER Data Systems Pinger Plus

CLASSIC

- Identifies 10/100 MBit and 1 GBit Link Signals
- Tests network availability, double IP addresses, transmission errors and response times
- Pings individual or a list of IP addresses
- Tests DHCP servers and indicates IP addresses
- Shows MAC addresses
- Tests for cable faults, such as swapped wires
- Included: 4 x AAA batteries, a power supply and manual



151548 / **ACT-PNG60** Pinger Plus

LAN network tester for copper, fiber optic and WLAN networks (with touchscreen)

CLASSIC

The LanXPLORER is a highly professional network tester and provides users an extensive function testing with a comprehensive test functionality in the network area.

The LanXPLORER is an exceptional In-Line Active and Passive network tester, you can get it in 3 versions. It offers unsurpassed test capability for Local Area Network management and large clear QVGA color display. The ACT-LANXPLORER-PRO offers additional an touchscreen display, for even simpler operability. The LanXPLORER is a high quality, powerful, convenient and easy to use tester unrivalled by any other product available today. With full In-Line and Endpoint test capabilities, ACT-LANXPLORER-PRO tests not only copper cables but also active LAN connections over copper and fiber links. In addition, it liberates the user from cables by allowing most tests to be conducted through a wireless connection offering unparalleled flexibility. With such comprehensive test capability and ease of use, LanXPLORER PRO is the perfect tool to meet the needs of professional IT installers and systems administrators in any enterprise, campus or industrial Ethernet environment.

- Wiring diagram and cable tracking
- PoE/PoE+-Test
- Network discovery
- Network verify
- DHCP, PING, Traceroute, VLAN
- LAN measurement of copper in the endpoint mode
- WLAN testing
- Inline LAN measurement of copper for VoiP-Application, PC-Diagnosis and PoE/PoE+ Lasttest
- Loopback-Mode
- Fiber optic testing
- Touchscreen

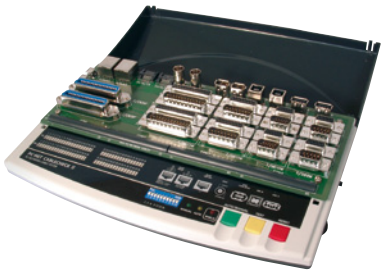


302643 / **ACT-LANXPLORER-PRO** LAN network tester for copper, fiber optic and WLAN networks

PC cable test device

CLASSIC

- Tests continuity, connection and assignment
- Displays the assignment via LEDs
- LEDs: 36x input, 36x output, 1x manual test, 1x automatic test, 1x shielding
- 5 buttons: test, auto / manual, test speed, reset, on/off
- Automatic and manual test execution
- Connections: DSUB 9 plug / jack, DSUB 15 plug / jack, HD DSUB plug / jack, DSUB 25 plug / jack, CENT 36 jack, BNC plug, RJ45 jack, USB A+B jack, IEEE 1394 6-pin jack
- Operates with 9 Volt block battery, connection for optional 9V / 150mA power supply



126782 / **ACT-PC-PRO** PC cable test device

PC ATX power supply tester

CLASSIC



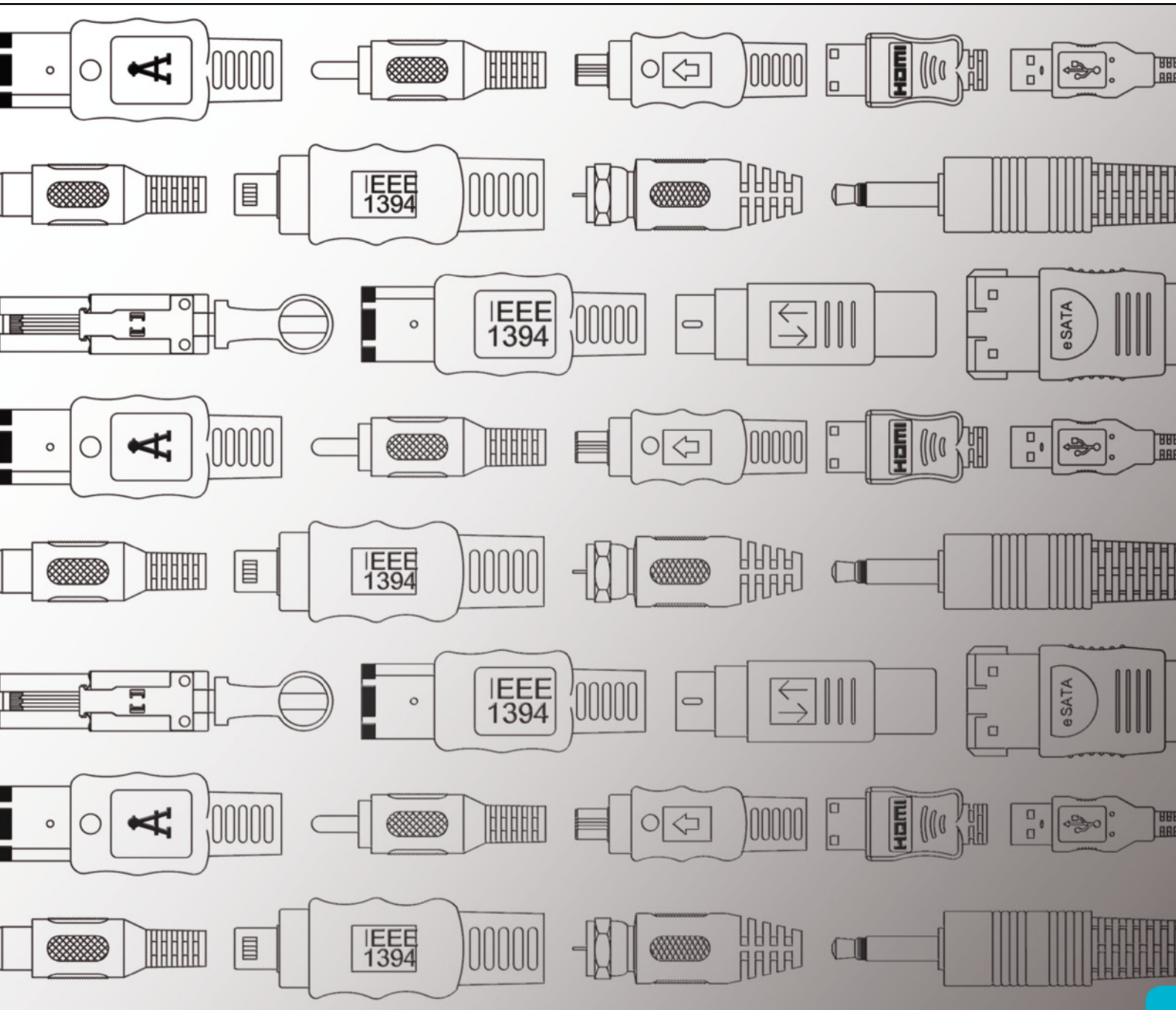
The fastest way to check your power supply ,s health

Wrongly dimensioned and defective PC power supplies may result an instable computer system or even damage your expensive hardware components. Troubleshooting such a defective system usually takes a lot of time and is complex. This compact device for testing purposes, which can be handled easily and in a fast manner, will show you the proper status of all supplied voltages of your PC power supply with one glance.

- ATX power supply tester with LCD display
- Reliably indicates the accurate status of all power supply voltages
- Fast and easy plug and play operation
- Connectors for testing purposes of 20- / 24-pin mainboard connectors; for 4-pin, 6-pin, and 8-pin extension connectors, floppy connectors, and SATA connectors
- Robust aluminum housing
- Essential for service personnel and computer enthusiasts

200178 / **DA-70601** PC ATX power supply tester with LCD

LEXICON CABLES



Quality in the Cable Division

// What falls under the heading “Cable”?

Electrical wiring for electricity and signal transmission are commonly referred to as cables. Cable as an electro-technical term is not uniformly defined; however, it usually describes a bundle of several strands or wires, which are referred to as cores. This bundle is held together by a cable sheath, which can provide additional insulation, a shield, mechanical armouring or kink protection. The purpose of a cable is to transmit electricity or light for energy or signal transmission with the least possible losses.

// Which factors in cable construction influence cable quality?

a) Number of cores:

The number of live wires or stranded conductors in the cable is the number of cores. Cables for EDP, signal transmission and telecommunications have anywhere from two to several thousand cores, depending on the application, and are often surrounded by a sheath either in pairs or as a whole.

b)Shielding

In almost all electrical cables, pure metals are used for shielding that has the least possible resistivity. For signal transmission (network cables for EDP, control and audio cables), the cables are coated with many layers of metal foil shielding or wire mesh in order to improve the electromagnetic compatibility of the cable. Bear in mind here that the covering will have different results due to the wire mesh (e.g. 35% or 85% coverage) as well as the materials used. Advantages/Disadvantages?

c) Cross-section:

The cores have various cross-sections/diameters, which for example, are described with the AWG number (American Wire Gauge is a coding for strand-/wire diameters in electrical engineering). Here it must be noted that the cross-section decreases with an increasing AWG number. This means that the cables with lower AWG numbers have better transmission characteristics and are therefore higher quality. Due to the single wires lying against each other, conductors made of strands must have a overall diameter around 14% larger than a solid wire in order to be able to exhibit the same electrical properties.

How large the cross-section of a conductor must be depends on various factors:
- The core material
- The power to be transmitted
- The loudspeaker impedance, e.g. for audio cables
- The method of laying the cable
- The cable length

In principle: With a higher output and longer cable – but also with lower impedance – the cable cross-section must be enlarged.

d) Materials:

In almost all electrical cables, pure metals are used that have as low of a resistivity as possible. These include, among others, copper (Cu), silver (Ag) and Gold (Au). Due to high prices, silver and gold are only used as a core material in very high-quality cables. The majority of cables are produced for the inner conductor from the following materials:

CCS (Copper Cladded Steel)

In order to reduce the resistivity of “steel cables”, steel cores are often coated with a layer of copper. Due to their resistivity, CCS cables do not come close to the transmission rates of CU cables. Moreover, they are less flexible and have a tendency to be much more susceptible to cable breaks than CCA or CU cables. Due to their lower quality, these inner conductors are primarily used in the low end sector of audio/video cables, e.g. telephone and TV/SAT cables.

Typical characteristics:
- Better soldering properties than CCA
- More economical than Cu conductors
- Lower mechanical strength than Cu conductors
- Poorer transmission characteristics and higher resistivity than pure copper conductors
- Require a larger core cross-section than copper cables with almost the same performance.

CCS (Copper Cladded Aluminium)

In order to reduce the resistivity of “Alu-cables”, Alu-cores are often coated with a layer of copper. For weight-sensitive products such as headphones or portable loudspeakers, CCA inner conductors are used. Nevertheless, CCA cables also have a higher material-related resistance and therefore also exhibit considerably poorer transmission characteristics than, e.g. Cu cables.

Typical characteristics:
- Lighter than pure copper or CCS conductors
- More elastic/flexible than CCS conductors
- No magnetic interferences in contrast to CCS conductors
- Poorer transmission characteristics and lower electrical conductivity than copper (per square centimetre of cable cross-section)
- Require a larger core cross-section than copper cables

Cu (copper)

Copper cables clearly possess the best properties with regards to both quality and cable resistance. Furthermore, they are more elastic than variations made of aluminium or steel and are therefore more durable. In addition, the lower the oxygen content in the copper, the better the conductive properties. However, this 1% improvement only has a marginal effect.

Typical characteristics:
- low susceptibility to corrosion
- more elastic/flexible than CCS and CCA conductors -> high mechanical durability
- high service life
- lower cable resistance than CCS and CCA conductors
- lower impedance at high frequencies than CCS and CCA conductors

FOC (fibre-optic cable)

Fibre-optic cables use light beams for data transmission. They consist of an optical or even plastic fibres as well as a relatively thick sheath, which provides mechanical protection and limits the bending radius. FOCs are capable of transmitting data over much longer distances than comparable copper cables (max. 100 m) and do not exhibit any electromagnetic interferences. Due to the very small diameter of the cores, even at a comparable thickness, they can still transmit much higher amounts of data than metal conductors. However, expensive manufacturing as well as relative sensitivity to mechanical impacts (bending, rotating, or sim.) represent a disadvantage. Thus they are not recommended for contorted installation locations.

Typical characteristics:
- No susceptibility to corrosion
- No susceptibility to electromagnetic interferences
- No cable resistance as a metal cable -> very long transport distances possible
- Weight savings due to the small cable diameter
- Sensitive to mechanical impacts
- expensive manufacturing required

d) Cable sheath:

The cable sheath protects the cable from external influences and provides insulation. Today, in addition to PVC, plastics such as polyurethane (PU) or polyethylene (PE) are used. PVC sheathing is less flammable. On the other hand, PE and PU are more robust with regard to service life and dielectric strength. Since PE is comparatively very combustible, halogen-free sheathing materials are used in large buildings and public facilities (e.g. train stations, airports, museums, congress halls and department stores). These prevent the emission of toxic fumes if smoke develops as a result of a fire. At the same time, they significantly increase the burning point. For flexible, highly stressed cables, rubber is used as sheathing. If thermal stress is also present as well as very high voltages, silicone rubber is used.

// Which role do the connectors play?

Next to the cable itself, the connectors (plugs/sockets) are also manufactured with and without shielding, which also influences the electromagnetic compatibility of the cable. With shielding, the connectors send out fewer interference waves (e.g. to neighbouring cable strands or similar) and are also better protected against this.

An additional gold coating further reduces cable resistance so that these connectors are characterised by a reduced cable resistance and are therefore higher quality.

// Which norms and guidelines exist and what do they mean?

For most application purposes, cables are manufactured in accordance with international standards, norms and directives.

IEC - The International Electrotechnical Commission is an international standards organisation for norms in the area of electrical engineering and electronics
IEC 320 e.g. plug for power cables (mains lead/IEC hot inlet cable)
IEC 807-2 e.g. D-SUB plug and socket

IEEE - The Institute of Electrical and Electronics Engineers is a worldwide professional association of engineers from the fields of electrical engineering and computer science based in New York. It organises committees for the standardisation of technology, hardware and software.
Standard IEEE 1394 – FireWire/i.Link serial bus systems – interface
Standard IEEE 1284 – parallel interface (e.g. printer cable)

RoHS/Reach - Restriction of the use of certain hazardous substances in electrical and electronic equipment: „Beschränkung der Verwendung bestimmter gefährlicher Stoffe in Elektro- und Elektronikgeräten" – EG Directive 2002/95/EC
Regulation (EC) No. 1907/2006 of the European Parliament and of the Council from December 18, 2006 for the registration, assessment, approval and restriction of chemical substances (REACH) supplements the RoHS Directives.

These substances should be banished from products by the RoHS.
Some of the substances in question are, for example:
- Lead
- Mercury
- Cadmium
- Hexavalent chromium
- Polybrominated biphenyls (PBBs)
- Polybrominated diphenylethers (PBDEs)

UL - Underwriters Laboratories Inc., US organisation for the certification of electrotechnical products. Ul certification is important if products are to be imported to North America. This certification is not required in Europe.

USB-Standard - USB Implementers Forum, Inc. is a non-commercially oriented cooperation of companies, who have developed the USB specification. It includes, e.g. interface technology, cable and connector assembly.

HDMI - HDMI is an international standard for the connection of HD Consumer Electronics and PC products and was developed by the HDMI organisation. It includes, e.g. interface technology, cable and connector assembly.

FCC - Federal Communications Commission is, for example, responsible for the standardisation of modular plugs/sockets (z. B. RJ-45, RJ-11, etc.) in the telecommunications cabling sector. The standards describe the types of plugs and sockets as well as their pin connections

VESA - Video Electronics Standards Association is an organisation in which over 100 members have mutually decided to create uniform specifications of video standards specifically for the field of computer graphics. It ranks among the largest industrial standardisation organisations.
- It also contributed to the standardisation of DVI connection technology for digital video data.
- DisplayPort is a standardised, universal and license-free connection standard from the VESA

DIN - Deutsches Institut für Normung e. V. (German Institute for Standardisation).
The DIN represents German interests in the international/European standardisation committees (ISO and CEN organisations as well as the electrotechnical organisations, IEC and CENELEC). In Austria, the Österreichische Normeninstitut (ÖNORM: Austrian Institute for Standardisation) assumes similar tasks.

For example, a few of the DIN standardised specifications are:
- The TAE connection is standardised in DIN 41715
- The Austrian telephone plug is standardised in ÖNORM A 2640
- D-SUB plugs /sockets for e.g. printer cables, serial cables and VGA/monitor cables are described in DIN 41652, which in turn is based on IEC 807-2 (Issue 1985).
- The labelling of "Cables for Indoor Residential Telecommunication Installations" is regulated by DIN EN 50441.

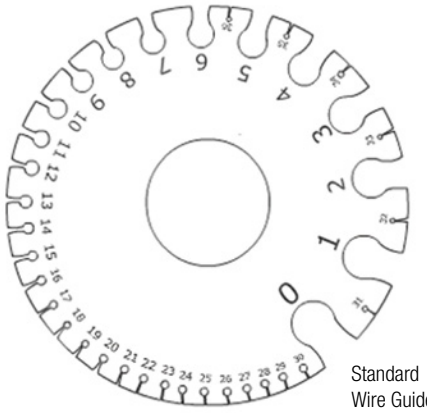
Which certifications are there?

Independent institutes and companies, e.g.
- 3P
- GHMT
- ATC
- Matrix
- AGC

Evaluate products for compliance with the aforementioned norms, standards, specifications and directives and subsequently issue certificates.

Thus the quality of cables comprises the following fundamental factors:
- Cable construction:
  - Number of cores; number and type of shielding
  - Cross-section
  - Materials used
  - Composition of cable sheath and/or kink protection
- Composition of connectors
- Conformity of standards, norms and directives
- Certifications

AWG table (extraction)



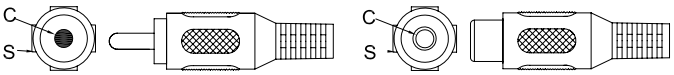
Standard
Wire Guide

	AWG construction (wire-Ø mm)	external diameter (mm)	conductor resistor (Ohm / km)	conductor weight (Kg / km)
AWG 36	Massiv	0,127	1.460,0	0,116
	7x 0,05	0,152	1.271,0	0,125
AWG 34	Massiv	0,160	918,0	0,178
	7x 0,064	0,192	777,0	0,196
AWG 32	Massiv	0,203	571,0	0,284
	7x 0,078	0,203	538,0	0,302
	19x 0,05	0,229	448,0	0,329
AWG 30	Massiv	0,254	365,0	0,450
	7x 0,102	0,305	339,0	0,507
	19x 0,064	0,305	286,7	0,543
AWG 28	Massiv	0,330	232,0	0,710
	7x 0,127	0,381	213,0	0,774
	19x 0,078	0,406	186,0	0,810
AWG 26	Massiv	0,409	143,0	1,140
	7x 0,160	0,483	122,0	1,250
	10x 0,127	0,533	137,0	1,130
	19x 0,102	0,508	113,0	1,380
AWG 24	Massiv	0,511	89,4	1,820
	7x 0,203	0,610	76,4	2,020
	10x 0,160	0,582	85,6	1,790
	19x 0,127	0,610	69,2	2,140
	41x 0,078	0,582	84,0	1,740
AWG 22	Massiv	0,643	55,3	2,880
	7x 0,254	0,762	48,4	3,160
	19x 0,160	0,787	45,1	3,400
	26x 0,127	0,762	52,3	2,940
AWG 20	Massiv	0,813	34,6	4,610
	7x 0,320	0,965	33,8	5,000
	10x 0,254	0,889	33,9	4,510
	19x 0,203	0,940	28,3	5,470
	26x 0,160	0,914	33,0	4,650
	41x 0,127	0,914	32,9	4,630
AWG 18	Massiv	1,020	21,8	7,320
	7x 0,404	1,219	19,2	7,980
	19x 0,254	1,245	17,9	8,570
	41x 0,160	1,194	20,9	7,330
	65x 0,127	1,194	21,0	7,320

Cinch (RCA)

Cinch (RCA) is a widespread, strictly speaking incorrect term for non-standardized plug-in connectors (see the following drawing) for transmitting electrical signals mainly to coaxial cables. No screen is necessary in seldom cases, power supply, loud speaker connection or the connection of consumer devices (stereo, television, etc.) A single line pair is frequently used.

Cinch /RCA plug (Graphic 1), Cinch / RCA socket (Graphic 2):



Graphic 1 Graphic 2

These plug-in connectors are used especially in the home audio and video area (audio visual media), where uniform colour coding is used:

Colour coding in the video area:

YUV ▶	**yellow:**	Composite Video (YUV)
RGB ▶	**red:**	Pr (Component Video, colour difference)
	green:	Y (Component Video, brightness)
	blue:	Pb (Component Video, colour difference)

Colour coding in the audio area:

Standard ▶	**white:**	Left analog channel (occasionally also black or grey)
	red:	Right analog channel
Special forms ▶	**orange:**	Digital-Audio (S/P-DIF)
	black:	Subwoofer or center channel
	grey:	Loudspeaker (seldom)

Cable which has four equal connections is sometimes used for connecting audio devices which can also record to cover both the inputs and outputs of the device in stereo.

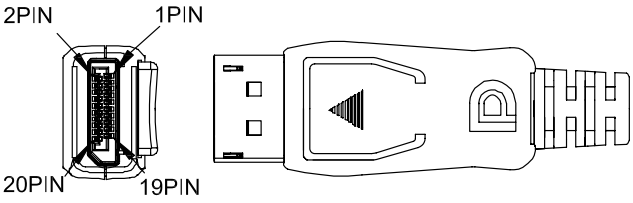
white:	Left channel for playback
red:	Right channel for playback
black:	Left channel for record
yellow:	Right channel for record

DisplayPort

DisplayPort is a universal and license-free connection standard from VESA for transmitting picture and sound signals. The main areas of use are for the connection of screens and televisions to computers, DVD players and similar devices.

The DisplayPort plugs are considerable smaller that D-Sub and DVI plugs and therefore allow easy integration of more than two plug-in connections to graphic cards so that they are better for portable display devices, such as notebooks, for example.

Optional locking is also planned, unlike the competing HDMI plug
(see the following drawing):



DisplayPort 1.1 allows compatibility with VGA, DVI and HDMI so that connection via a reasonable priced adapter is possible. A few graphic card manufacturers achieve this with a trick which is already placed on the graphic card and not only after the actual output itself: If the graphic card recognises that a model with DisplayPort is attached to the device, the signals will also be issued in this format. If an adapter is used on an HDMI for example, a signal is given to the card to switch over to HDMI-output.

DisplayPort supports encrypting by using HDCP and also the intrinsic encrypting standard DPCP (DisplayPort Content Protection).

The cable length for video transmission with a screen resolution of 1920 x 1080 is a minimum of 15m.

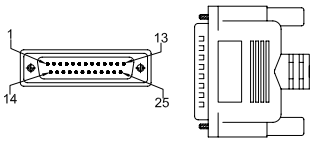
Printer cables

Printer cables can be received on the market both for serial and parallel interfaces where the parallel interface also offers the possibility of bi-directional data transmission. The IEEE-1284 standard was defined for this bi-directional parallel interface and the matching cables.

IEEE 1284 – Standard Signalling Method for a Bi-directional Parallel Peripheral Interface for Personal Computers, was amended in 2000. The IEEE 1284 defines a double, screened 36 strand „Twisted Pair“ cable with 18 stranded pairs and also their configuration.

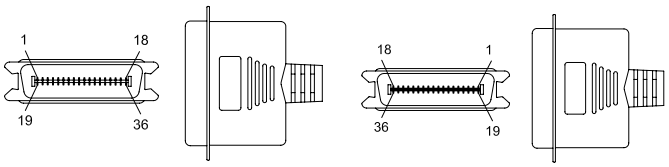
Three different types of plugs area usually used:

Type A – the 25 pole D-Sub plug. It was introduced in 981 by IBM with the PC for space saving reasons. The main disadvantage, compared to the 36 pole „Centronics plug“ used up to present date is that a corresponding twisted pair return is not available for each signal line.



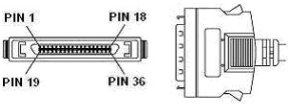
D-Sub 25 Plug (left), D-Sub 25 Socket (right)

Type B – the 36 pole „Centronics“ plug (official, but seldom used name: „Micro Ribbon Connector“). This type of plug was used exclusively before the introduction of IBM-PCs.



Centronics 36pin Plug (left), Centronics 36pin Socket (right)

Type C – an electrically improved and more compact variation of the Centronic plug, also 36 pole with „snap on locking“, also called „Mini Centronics“. This type has not established itself however.



Mini Centronics 36pin Plug

The theoretically maximum cable length is approximately 12 meters although special cables allow a length of 30 meters.

Digital Visual Interface (DVI)

Digital Visual Interface (DVI) is an interface for transmitting video data. DVI in the computer area developed into a standard for connecting TFT monitors to the graphic card of a computer. There are televisions in the area of games electronics which process signals from digital sources. Such as computers or DVD players via DVI input signals.

These can transmit analog (DVI-A, seldom used), analog and digital (DVI-I), or only digital (DVI-D) signals, depending on the pin configuration of a DVI connection. Two digital signals can also be transmitted at the same time (Dual-Link, 24+1 PIN / 24+5 PIN), so that higher resolutions (QXGA, max 2560 x 1600 pixels, for example) are possible. There is a maximum of 1915 × 1436 pixels with 4:3 resolutions for a single link cable and a picture refreshment rate of 60 Hz. The maximum resolution for single link cables is therefore 1600 × 1200 pixels (UXGA) for this reason.

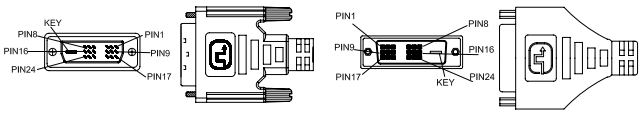
There are usually quality advantages from digital data transmission compared to an analog connection with a VGA- or SCART cable. Precisely two signal conversions are necessary for the latter mentioned cable types (not necessary for digital monitors): from digital to analog at the video output and back from analog to digital in the monitor.

A VGA screen can be operated by using a purely passive adapter can be operated at a socket where there is a combined signal (DVI-I, 18+5 PIN / 24+5 PIN).

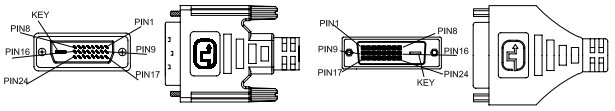
The maximum length of line for connection to a DVI terminal unit (monitor) depends on the quality of the connection line and also on the quality of the terminal unit however. A maximum line length of 5–10 meters usually has to be observed. A DVI amplifier has to be used if there is a greater distance. The picture will be more out of focus otherwise for analog transmission: the connection will fail completely at some time or other for digital transmission.

The audio signal is not transmitted with a connection consisting of HDMI to DVI. A separate connection (via Cinch/RCA, for example) is necessary here.

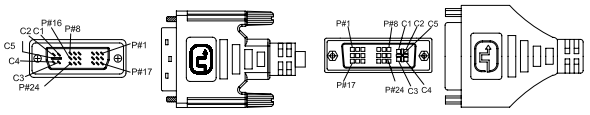
Here is an overview of the most frequently used DVI plugs and sockets:



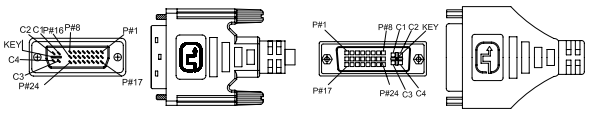
DVI-D (18+1) Single Link Plug (left), DVI-D (18+1) Single Link Socket (right)



DVI-D (24+1) Dual Link Plug (left), DVI-D (24+1) Dual Link Socket (right)



DVI-I(18+5) Single Link Plug (left), DVI-I(18+5) Single Link Socket (right)



DVI-I(24+5) Dual Link Plug (left), DVI-I(24+5) Dual Link Socket (right)

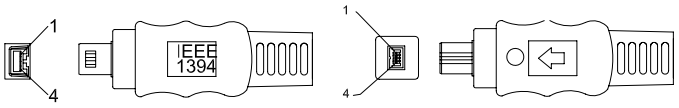
FireWire

FireWire, also known as i.Link or IEEE 1394, is a series interface developed by Apple. The FireWire interface is mainly used for quick data exchange between computers and multimedia or other terminal devices, but is also used in industrial and car electronics.

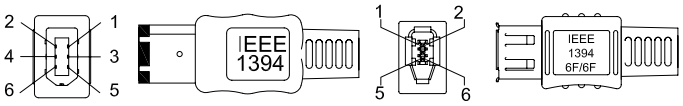
FireWire is used nowadays, especially for transmitting digital pictures (industrial cameras, for example) or videos (DV camcorder, for example) to a PC and also for connecting external mass storage devices such as DVD burners, hard disks, etc.

The new nine pole FireWire 800 (1394b) is necessary to be able to use the data transmission rates of modern hard disks (over 70 MB/s with modern 300 GB models) also in external housings, since the conventional FireWire 400 (1394a) is limited to 400 Mbit/s. The external SATA interface is a quicker alternative to FireWire 800.

Here is an overview of the plugs and sockets used:



FireWire IEEE1394 4pin Plug (left), FireWire IEEE1394 4pin Socket (right)



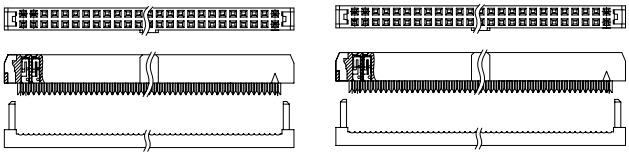
FireWire IEEE1394 6pin Plug (left), FireWire IEEE1394 6pin Socket (right)

Flat Ribben cable

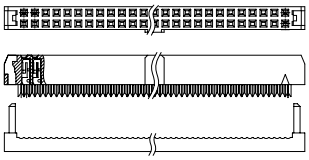
Ribbon cable is a cable with one, or several strands where the strands are not grouped together in a circular form but are placed parallel to each other. The construction type of this cable is known internationally as Flat Flex Cable or FFC. It is frequently used for connecting electronic components in computers.

Multi-strand ribbon cable has the advantage that a large number of strands can be connected with little effort to a pin-type plug in connector.

Overview of pin-type plug-in connectors used frequently in the PC area:



34pin IDC Pfostenplug (left), 40pin IDC Pfostenplug (right)



50pin IDC Pfostenplug

The 34 pin version was/is used for connecting floppy drives. The 40 pin version is frequently used for connecting ATA hard disks. The 50 pin version is not used so often in the home user PC area.

A light grey PVC material is normally used, where a red or a black edge identifies the first conductor. There is also colour-coded ribbon cable where the adjacent strands have 10 different colours in accordance with DIN IEC 62. The colours of larger ribbon cables repeat in accordance with the corresponding number of strands.

The number of strands ranges from 8 pole to 96 pole. The distance between poles can be from 0.5 mm to 2.54 mm. The most frequently used pattern size is 1.27 mm (0.05“), so that a connection can be easily made to double rowed pin-type connectors for a 2.54 mm multipoint strip.

Ribbon cables can also be provided with screening. Usually an aluminium or copper foil which is wound round.

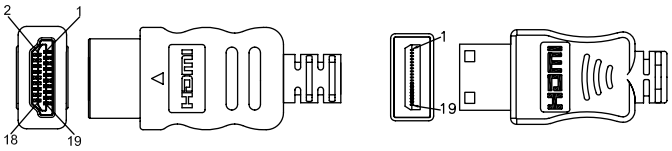
Ribbon cables have been replaced in the last few years partly by round cables, for aerodynamic reasons, since ribbon cable has a much greater influence on air flow in the housing than round cable.

HDMI

HDMI (High Definition Multimedia Interface) is an interface for transmitting digital audio and video data und video data which was mainly developed for connection to devices from the Home Video Area (televisions/recorders, set top boxes, camcorders and SAT/ cable receivers, for example). The HDMI is downwards compatible to established DVI (Digital Visual Interface). This means that an HDMI-DVI adapter cable can connect a DVD player with an HDMI output to a projector with a DVI input, for example.

It is important for all HDMI and DVI connections that both connected components (hardware/device/interface) are provided with HDCP copy protection. Transmission of encrypted, digital video data according to this standard is not possible without HDCP!
PLEASE NOTE ! DVI has existed in the computer area for some time – without HDCP however. Many projectors and also a few plasma TV devices come from the computer area and have therefore not implemented HDCP.

HDMI has been continuously developed in recent years. This reflects in the states of the corresponding versions: HDMI 1.0, HDMI 1.1, HDMI 1.2, HDMI 1.2a, HDMI 1.3 and now currently HDMI 1.4. HDMI 1.3 doubles the band width of the data rate from previously 4.5 Gbit/s (165 Mhz) to 10.2 Gbit/s (340 Mhz) compared to the previous version 1.2. Another plug type has been established with the introduction of HDMI 1.3.



HDMI Typ A Plug (left), Mini HDMI Typ C Plug (right)

The greatest confusion is with 1080p (full HD). Since 1080p was also a topic in the media with the introduction of HDMI 1.3 onto the market, several people have the impression that HDMI 1.3 is required for 1080p. In fact both these terms have nothing to do with each other. 1080p was already a part of the HDMI specifications already in Version 1.0. Additional data rates were introduced with HDMI 1.3 which were above those of 1080p.

The problem of possible data losses in longer cable lengths –usually after approximately 3-5 meters – was already a topic when HDMI 1.3b was introduced. There are factors here which influence the signal quality which have mainly to do with the cable: the performance of the HDMI interface in transmitting and receiving devices and also the transfer rate of the signal also play a role. The higher the latter is, the shorter the „non problematic“ cable length is. If a 4.95 Gbit/s signal could be transmitted with a previous HDMI with a cable length of up to 10 meters, for example, this length shortens now with the HDMI 1.3b to only 5 meters.

Important: All existing HDMI cables also transmit data in accordance with HDMI 1.3b. This is only guaranteed up to 4.95 Gbit/s however, in other words slightly less than half of the maximum data rate of the HDMI 1.3b. The following therefore has to be taken into consideration: HDMI 1.3 defines the maximum data rate but it does not increase the data rate of a given signal. An existing 1080p signal transmitted with HDMI 1.3b will continue to run with HDMI 1.3b - with the same quality and the same cable length. The quality of the cable will start to be decisive only when the connected components replace the new technical improvements possible with HDMI 1.3b to send correspondingly higher synchronized signals.

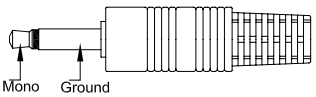
Jack plugs

Jack plugs and sockets are internationally widespread. They are used, for example, for relaying audio signals or for connection to a mains unit for the power supply to a compact device. Jack plugs are very often used for connecting headphones. They are sometimes used for transmitting digital signals for control purposes.
Jack plugs are made with varying shaft diameters:

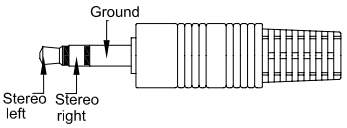
- 2.5 mm (seldom), used for especially compact devices such as headsets for cell telephones. They are also use for data transmission between some pocket calcu lators or for cable releases for photographic equipment. This plug size is known as a „micro plug“.
- 3.5 mm, usually for portable devices (MP3 players, sound cards and small head phones). Is also known as a „micro plug“.
- 6.35 mm, for stereo systems and practically all devices from the music production, such as mixing desks, effect devices, synthesizers, keyboards, E pianos, E guitars and guitar amplifiers. They tolerate sufficient mechanical load and have a large contact surface.

Various adapters are available on the market to connect devices with the varying connection sockets by using a single cable. These are usually pushed on or screwed on. One should always try to avoid using adapters wherever necessary. However, since the number of contacts which are often faulty anyhow is increased by the adapter so that data transmission becomes worse.

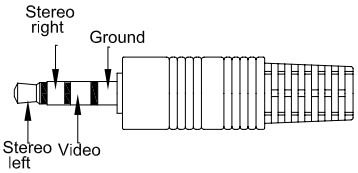
The jack plug types with two (Mono), three (Stereo) and four (Stereo + extra) contacts. The stereo plug with the extra function is a variation of the stereo plug. Some multi channel contacts for PC and cameras use these types of 4 pole connections because of space problems.



Mono-Plug (2-pole): Sig = (sound)signalGND = ground (return line)



Stereo-Plug (3-pole): L = Left sound signal, R = Right sound signal, GND = common ground (return line)



Stereo-Plug with extra function (4-pole): L = Left sound signalR = Right sound signal, AUX = extra signal, GND = common ground (return line)

Coaxial cables

Coaxial cables, abbreviation: Coaxial cables are double poled cables with a concentric construction. They consist of an interior conductor (also known as the core), where a fitted exterior conductor network surrounds interior conductor at a constant distance. The surrounding space consists of an insulator or dielectric material.

Flexible coaxial cables have cable screens and an interior conductor consisting of thin, woven or braided copper wires. The screening can be supplemented with a foil – the woven material can then have a lower amount of coverage. Coaxial cables for higher capacities or higher screening factors usually consist of an interior conductor with a solid wire and an exterior copper conductor (cable screening) with a high degree of coverage. The interior conductor of coaxial cables used in the audio/video area has different diameters (0.43mm to 1.13mm, for example).

Shorter cables are usually used in the area of television and video systems, longer cables are used for connecting radio and television networks. Antennae, transmitters and receivers are connected to each other via coaxial cables in high frequency technology.

The line flow resistance (cable impedance) is the most important parameter of a coaxial cable – it is stated independently from the length of the line and is stated in Ohms. Usual line flow resistances are 50 ohms (general high frequency technology) or 75 ohms (television/SAT technology). The connection of cables to each other and also connection to devices is done by using coaxial plugs which are determined, amongst other items, by the construction and exterior cable diameter and the working frequency range.

The following connectors are often used:

- **Belling-Lee plugs also designated as IEC 9.5mm plugs (range of use: Cable television, terrestrial plug in antennae connection, for example)**
- **F plug connectors also known as F plugs (range of use: satellite televisions, for example); the interior conductor is used as a male plug for these devices.**



Belling-Lee-Plug (left), F-Plugconnector (right)

Many different coaxial plug connectors for various uses have prevailed in addition to these coaxial plug connectors, such as BNC-, TNC, SMA-, SMB-, SMC-, UHF plug connectors, MCX plugs, etc. for example. These are also used in the field of television and SAT technology.

Patch cable

A Patch cable (engl. to patch – to wire together), also shunt cable or twisted pair cable is a cable type in network technology and telecommunications. Twisted pair cables contain pairs of strands consisting of twisted pairs) of single strands. Patch cables are ready made. The term does not refer to any specific cable standard but to variable, cable connections which are not permanently laid. This is why the strands in the cable consist of pliable copper strands. Contrary to permanently installed cables which consist of wires. These can be reconnected according to requirement without a major effort. The cable length is usually approx. 0.3 to 25 m permanently installed connections are usually used for longer lengths. Patch cables can either be wired 1:1 which is also known as straight through or crossed, where they are known as crossover cables.

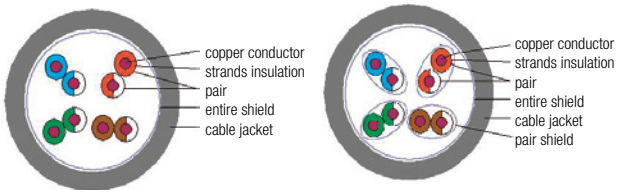
Four paired cables area used as a matter of preference in current network installation. The ISO/IEC-11801 (2002)E, a new description scheme in the form of XX/YZZ has been introduced, since the old descriptions were not uniform and often lead to confusion or were even contradictory.

We therefore have the following:

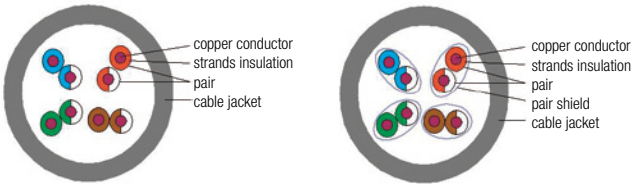
XX for complete screening:
U = unscreened
F = foil screened
S = braided screen
SF = braid and foil screen

Y stands for paired strand screening:
U = unscreened
F = foil screened
S = braided screening

ZZ always stands for
TP = twisted pair



SF/UTP (Screened Foiled Twisted Pair) (left), S/FTP (PIMF) (right)



U/UTP (Unshielded Twisted Pair) (left), F/UTP (Foiled Twisted Pair) (right)

Categories complying with one respective requirement profile have been introduced for easier classification of the individual cables. Categories 1 and 2 are only informally defined; categories 3 and 4 are no longer commercially relevant (but can still be found in old installations). Here are the most important categories for network installation:

Kategorie 5: CAT 5 cables are the mainly relevant installed basis for working frequencies up to 100 MHz. Cables of category 5 are often used in structured cabling of computer networks, such as Fast or Gigabit Ethernet for example.

Kategorie 6: CAT 6 cable is defined by EN50288. CAT 6 cables are used for working frequencies up to 250 MHz. The rate of transmission deteriorates in longer lengths, smaller overlaps do not present any problems, depending on extraneous factors. Fields of application for CAT 6 are speech and data transmission and also multimedia.

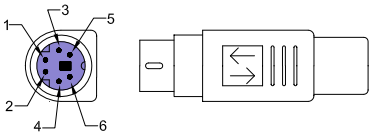
Kategorie 7: CAT 6 cables are used for working frequencies up to 600 MHz. A Cat 7 cable satisfies the IEEE 802.3an standard as is therefore suitable for 10 Gigabit Ethernet.

PS/2-Port

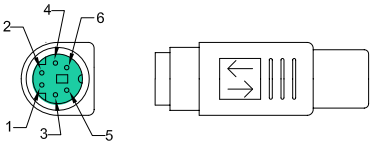
The PS/2 interface (PS/2 connection, PS/2-Port, originally Auxiliary Port) is a globally distributed serial interface for input devices such s keyboard and mouse and less frequently for other pointer devices such as trackball or graphic tablet. It is used in personal computer, for example, but is being more and more displayed by USB.

The PS/2 interface uses a six pole Mini DIN plug. Older desktop PCs usually have two PS/2 sockets one for the mouse (or another pointer device) and one for the keyboard. The connections are usually colour coded, the keyboard has a violet plug or socket and the mouse has a green plug or socket, for example (see the following illustrations).

PS/2 socket for the keyboard



PS/2 socket for the mouse / trackball



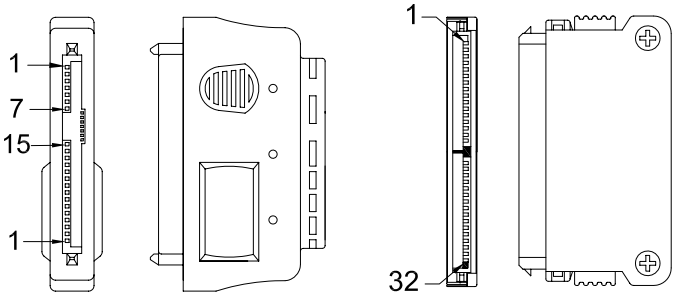
The interface is not planned for Hot Plugging, plug-in during on-going operations, for example. Neither the protocol nor the plug-in connectors allow this Hot Plugging. It works in many cases (more for keyboards, rather than mice), the computer or the keyboard could be damaged in theory.

The mouse and the keyboard have different protocols although you have the same plug-in connectors and even the same pin configuration so that the plugs should not be confused. The manufacturers of a few current PC systems have abandoned the PS/2 interface in favour of the Hot Plug capable USB.

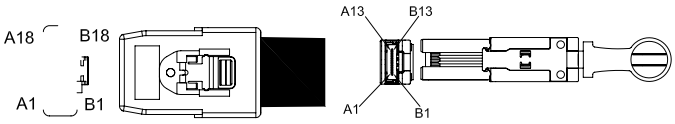
Serial Attached SCSI

Serial Attached SCSI (SAS) is a serial computer interface usually not used in the home user area. It is the successor to the existing parallel interfaces. SAS is a point to point connection. This means that the typical SCSI terminals as well as the award of SCSI-ID are no longer necessary. SAS takes over the SATA plug-in connectors although SATA end devices can be used at SAS host controllers and (generally) not vice versa.

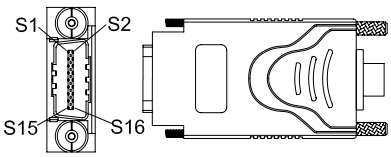
The SAS specification defines several plug types where the ‚x' has to be replaced in the SFF-xxxx standard by numbers:



SFF-8482 plug for internal connections. (left),
SFF-8484 plug for 4 channel internal connections. (right)



SFF-8487 plug for internal connections. (left),
SFF-8088 plug for 4 channel external connections. (right)

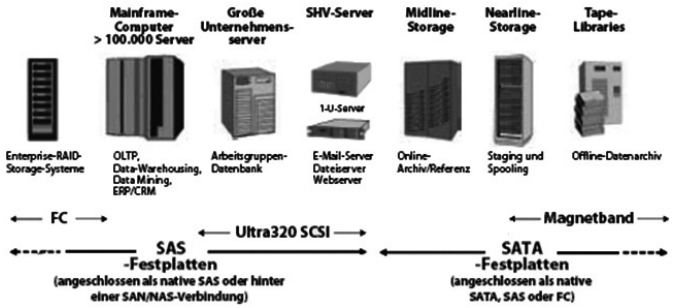


SFF-8470 plug for 4 channel external connections. Also used by Infiniband.

Extra confusion is some caused unfortunately when the manufacturers offer these plugs under a respective brand name such as „MultiLane iPASS" from the company Molex, instead ofSFF-8087.

The SAS is ideally prepared with RAID configuration for use in large storage systems: Plug and cable specifications are coordinated to Backplane use, on one hand and cheap expanders (hubs/switches) can be used theoretically, to operate up to 16,384 devices in one single SAS system 128 devices per expander in up to 128 expanders), on the other hand. There are two types here, so-called edge expanders for connecting the end device and also fan out expander as distribution points. Storage solutions with 2.5" hard disks and perhaps even smaller format factors are/will be possible in the future because of the compact plugs and thin cables. This means that SAS is the ideal interface concept for ultra compact 1U servers, blade servers and JBOD (Just a Bunch of Disks) memory arrays with little space for cables, plugs and drives.

The following illustration gives an overview of a few connection possibilities:



SATA

Serial ATA also abbreviated as SATA (Serial Advanced Technology Attachment) is an interface for desktop systems connected to a PC via hard disks or other peripheral devices. This is the successor to the parallel ATA (PATA) memory interface.
The advantages of SATA for the final user lie in the high reliability of the whole system because of improved air circulation and thermodynamics and also an easier installation.

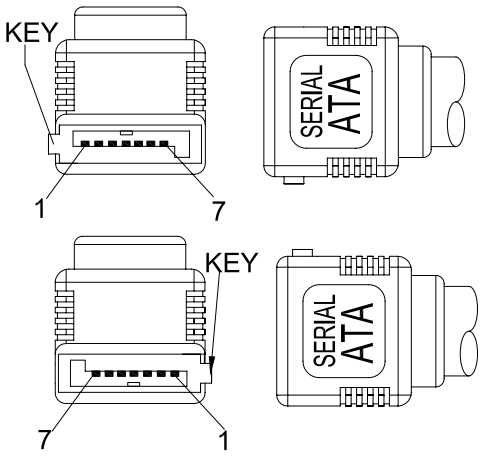
SATA was mainly created to connect devices inside the computer. The cables and plugs do not have the necessary screening against electromagnetic disturbances for this reason and the plugs do not have the necessary mechanical properties for operation outside a (screened) housing. The standard has special plugs for SATA hard disks and also for the voltage supply. They are also flat, but wider than SATA data plugs.

Cables and plugs were standardised in Version 2 of SATA for external operation („External Serial ATA", abbreviated as „eSATA"). Power supply to the external device is not possible via the eSATA cable.

eSATA defines screened cables up to a length of two meters and newly shaped plugs and sockets without the L shape of the SATA plugs/sockets to prevent the wrong cable being used externally for internal operations.

The geometry of the eSATA plugs/sockets has an I shape (see the following illustrations, whereas the SATA plugs and sockets have an L shape. Right angled and left SATA plugs are also available on the market. The most frequent shape for SATA plugs/sockets is the left angled variation.

links gewinkelt
left angled

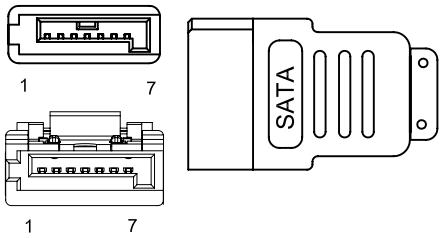


rechts gewinkelt
right angled

SATA plug(L shape / L type), angled

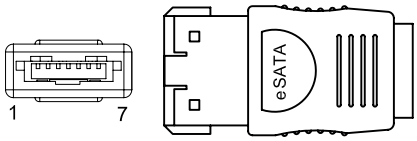
Overview of SATA and eSATA connectors:

ohne Verriegelung
wothout latch



mit Verriegelung
with latch

SATA plug(L shape / L type)



SATA plug(L shape / L type), angled

SATA cables can be up to one meter in length, eSATA cables up to two meters.

Scart

SCART is an older European standard for plug connections for audio and video devices such as televisions and video recorders. Other designations include Euro-AV, Euroconnector, Peritelevision connection and in France Péritel. The characteristics of the SCART connection are defined in the standard DIN EN 50049-1.

The SCART connection simplifies and standardises the connection of various video devices, since it carries all signals in a single multi-pin plug (see following illustration) and represents a manufacturer-wide standard.

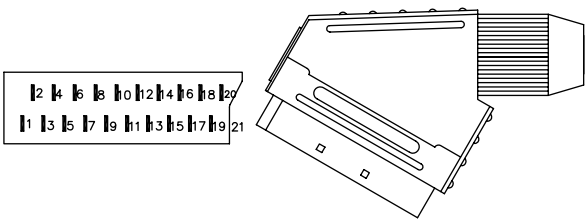


Fig. Scart plug (left) and socket (right):

Since analog signals are transmitted in the SCART cable, a good cable can significantly improve the picture quality in comparison to a cheap cable. With a good cable, the picture appears more stable and balanced, and in some cases even somewhat sharper. Cheap cables have only one common screen, without screening of the individual wires. The sound in particular therefore suffers interference from the neighbouring unscreened video cables, which makes itself noticeable by noise which depends partly on the picture content. This is noticeable particularly with digital signal sources (e.g. DVD-players or digital receivers), since these provide a significantly better picture quality than such devices as a VHS video recorder.

Due to technical progress, Scart connections are increasingly being replaced by modern digital connections such as HDMI.

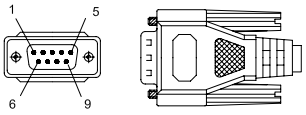
Serial cables

Serial cables (for the RS-232 or EIA-232 interface) are used for data exchange between computers and peripheral devices (modem, printer, for example). The bits are transmitted over a line one after the other in serial data transmission (serial).

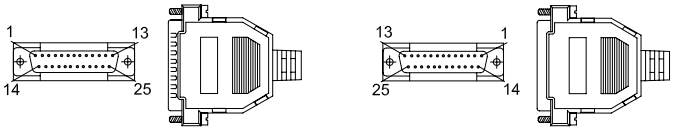
The original standard 25 pole D sub plugs and sockets were used as plug-in connections. 9 pole D sub plugs and sockets, frequently called DB 9 or D sub 9, have become established nowadays since many of the 25 strand lines are pure printer and terminal control lines from the electromagnetic era which are not required for most connections made to modern peripheral devices. The 9 pole plug cannot be found in the RS-232 standard for this reason, but in theEIA/TIA574 standard instead.

Other types which are not used so often (D-Sub50 HP and D-Sub68 HP, for example) can be obtained on the market, in addition to these D sub plug types.

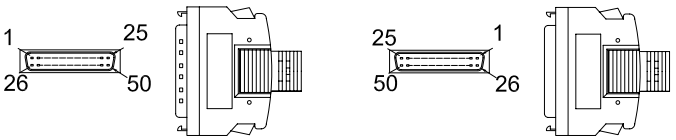
D-Sub9 Plug (left), D-Sub9 Socket (right)



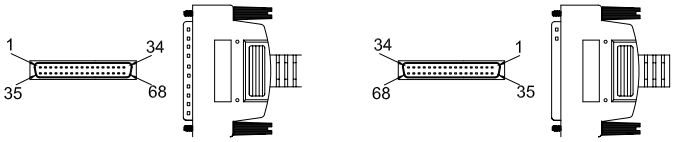
D-Sub25 Plug (left), D-Sub25 Socket (right)



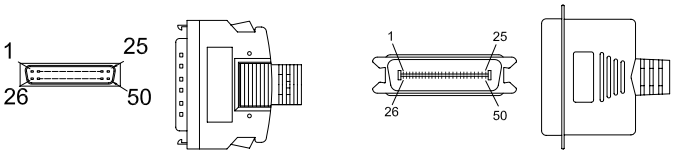
D-Sub50 HP Plug (left), D-Sub50 HP Socket (right)



D-Sub68 HP Plug (left), D-Sub68 HP Socket (right)



Centronics 50pin Plug (left), Centronics 50pin Socket (right)



The „received" lines must be connected to the „transmitted" lines in order to connect two devices via a serial interface.

- A 1:1 cable is necessary if this is a connection from the computer with a plug to a modem with a socket, for example.
- The lines (PIN 2 and 3) have to be crossed if this is a connection between two devices of the same kind (two PCs, for example). This type of cable is called a null modem cable.

A maximum cable length of 15m is defined for standard cables according to the original standard because of the cable capacity and the reflected signals.

The reflected signals increasingly impair data transmission with faster transmission rates and longer cable lengths.

Null modem cables are used nowadays where the serial interface is still being used. Set top boxes, such a satellite receivers or DVD playback devices having a serial interface for updating the firmware of the device are typical examples nowadays.

S-Video cable

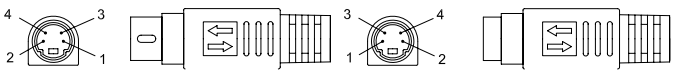
S-Video (also known as Separate Video, Y/C) often wrongly equated with the term S-VHS (Super Video Home System) which designates a video recording format, describes the separate transmission of brightness (luminescence) and colour (chromatic) information with the properly executed cables and plug-in connectors. It allows a better signal quality as a Composite Video but does not reach the quality of RGB however. Composite and RGB cables often use Cinch plug-in connectors connected to the end devices.

Video signals are generally transmitted via 4 pole Mini-DIN plugs nowadays (also referred to as Hosiden plugs) at a connection resistance of 75 Ohm. The audio connection has to be made via a separate cable (at least Cinch/RCA) since only video signals are transmitted.

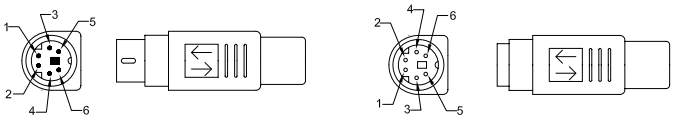
S-Video is normally used in Home DVD devices, video recorders and modern games consoles. These plug-in connectors are sometimes used in professional technology and also for computer video cards.

Mini DIN plugs are available in various alternatives with a differing number of pins. The alternatives vary so mush that the various plugs and sockets cannot be confused with each other where damage could possibly occur.

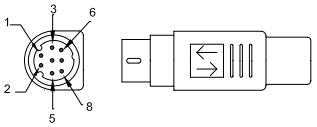
Here is an overview of the frequently used alternatives:



Mini-DIN 4: Apple desktop Bus S-Video (also called Hosiden plugs)



Mini-DIN 6: PS/2 keyboard/mouse plug



Mini-DIN 8: Apple Macintosh and serial interface

Power supply cables

Power supply cables / IEC power connection cable designates a ready made. Insulated electrical line / cable for domestic use that is usually provided with a country-specific plug, usually with a grounded plug and an IEC power connection cable in the FRG. It is used/they are used to operate electrical devices that do not produce any noticeable heat and can be regularly loaded up to 10 A.

A harmonized system of abbreviations has been developed within Europe by CENELEC (European Committee for Electrotechnical Standardization) for the uniform identification of electrical lines (see table the table on the next page). The type abbreviations for the lines state the construction type and the intended use for the electrical lines in the electrical installation. The identification contains all the necessary information for the construction and optional uses of the line (materials and permitted voltages, for example). National identifications are normal for some line types however.

The abbreviations in Germany for harmonized lines are standardised as:

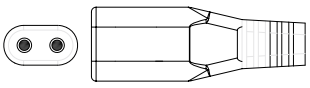
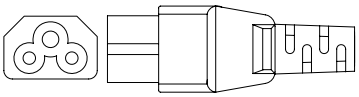
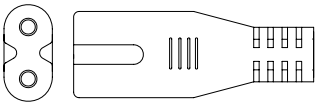
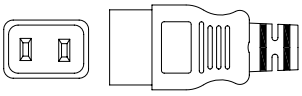
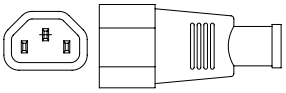
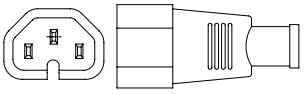
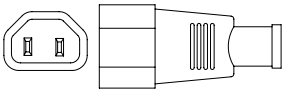
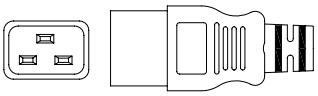
- DIN VDE 0292 System for abbreviated types of insulated lines
- DIN VDE 0293-308 Colour identification of the strands of cables/lines and flexible lines
- Standard series DIN VDE 0281 for PVC insulated lines
- Standard series DIN VDE 0282 for rubber insulated lines

Example of a line designation according to European Standard (CENELEC):

H 05 VV – F 3 G 0.75
H = Harmonised type
05 = approved for 300 V voltage
VV = Insulation of the strands and shrouding consisting of plastic (PVC)
F = fine wired (flexible line)
3 = Number of strands
G = with green-yellow ground wire
0.75 = Line cross section in mm2

Different connectors specified in the IEC standard (International Electrotechnical Commission) IEC 60320 are used, depending on the device to be connected.

The following overview shows the most frequent connectors:

Connector Abbildung:	Socket Identifikation:	Plug Identifikation:
	C1	C2
	C5	C6
	C7	C8
	C9	C10
	C13	C14
	C15	C16
	C17	C18
	C19	C20

Telephone cable

Telephone cable is a usual designation for telecommunications cable. The construction and strand identification of telecommunications cable can be different. The strand descriptions a and b are clearly identifications for the subscriber's connection line (line between the local exchange and the telephone connection of the service user/subscriber in the building). One double strand is used respectively for an analog subscriber connection line (ab interface) and for an ISDN base connection. The respective terminals are usually identified at the devices with a or b also with 1a, 1b or 2a and 2b. The main colours of the strands are in the series red, green, grey, yellow and white.

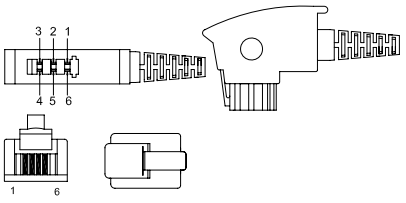
The end connections in the building are connected via a junction box (connection unit) to the subscriber connection line. Two different types are used here:- the TAE socket on one hand and the UAE or IAE socket on the other hand. Cable with suitable plugs which can also be designated as telephone connection cable is required to connect end devices to these sockets. The Telecommunications Connection Unit (TAE) is a plug type used in Germany and partly also in Lichtenstein and Luxemburg with analog telephone connections and an a b interface and with ISDN connections for connecting the NTBA to the connection line.

TAE plugs and sockets either have F or N coding respectively. The F stands for telephone and is planned for the telephone or supply line to the splitter and the NTBA. The N coding stands for Message end device (colloquially also secondary device) and accordingly for all end devices excluding telephones: telephone answering machines, fax machines and modems are included here, for example. The TAE connection is standardised in the DIN 41715. The cable configuration of the TAE plug is not strictly uniform however. TAE plugs from older devices from Siemens, Telekom and from overseas can have another TAE plug-in connector for historical reasons.

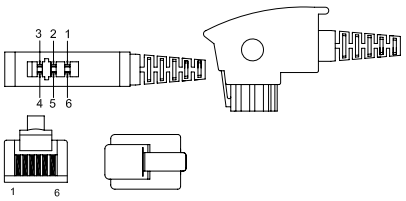
A Universal Connection Unit (UAE) is an junction box for end devices in accordance with the RJ standard. The UAE is used for analog and digital communication end devices. UAEs have one or two RJ sockets suitable for RJ45 plugs (also known as Western Plugs or Modular Jacks); RJ11 and RJ12 plugs can also be inserted when reduction pieces or suitable constructed UAE sockets are used. UAEs with two sockets are either separated from each other are wired in parallel. The contact positions of the sockets can be completely fitted with eight or only with four contacts (the inside four positions; IAE).

An ISDN Connection Unit (IAE) is a special type of UAE. The IAE has one or two four pole RJ11 sockets (also called Western Sockets or Modular Jacks), where only each of the four inside positions is fitted with contacts (8P4C). The connection terminals of the have the descriptions „1a“, „1b“, „2a“ und „2b“ and are therefore specially wired by the UAE 2x8(4). The IAE usually has two sockets wired in parallel.

Here is an overview of the plugs and sockets used:



TAE F Plug (left), RJ11 (6P4C) Plug (right)



TAE N Plug (left), RJ12 (6P4C) Plug (right)



RJ10 (4P4C) Plug (left), RJ12 (8P8C) Plug (right)

USB cabel

USB cable is available on the market at the moment in various versions (1.1 & 2.0) and is suitable for many devices such as hard disks, DVD drives, printers, scanners, webcams, mice, keyboard but also for dongles and even cell telephones and cameras.

Four strands are required in a USB cable. Two strands transmit the data, the other two supply the connected device with a voltage of 5 V. The cables must be screened differently according to speed. USB 1.1 cables have less screening function without twisting and are therefore more flexible that Full/High/Super-Speed cables (USB 2.0 / USB 3.0).

Five additional contacts are necessary in the plugs for the latest USB 3.0 version in order to guarantee high data rates.

USB allows transmission of data to a device with 1.5 Mbit/s, 12 Mbit/s or with 480 Mbit/s. The transmission speed in Version 3.0 rises to 5 Gbit/s where USB 3.0 is downwards compatible to the existing USB versions (1.1 & 2.0).

Transmission speed	**USB Version**
Low-Speed (1,5 Mbit/s)	1.1
Full-Speed (12 Mbit/s)	1.1/2.0
High-Speed (480 Mbit/s)	2.0
Super-Speed (5 Gbit/s)	3.0

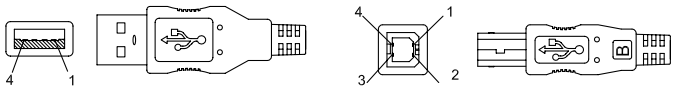
The lengths of USB cables from the hub to the device are limited to five or three meters. depending on the specifications.

The plugs of a USB cable are designed so that the poles cannot be accidently changed or confused. Flat plugs (type A) and a practically square plug (type B) are used in the direction of the PC/host controller, hub (upstream) and towards the connected end device (Downstream) or the cable is already installed in the end device.

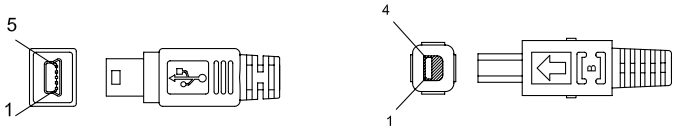
There is a more compact type of plug for end devices with very little space (digital cameras, cell telephones, external 2.5“ hard disks, for example) which are designated as Mini- and Micro USB plugs. There are differing construction types here depending on the device manufacturer with many varying connection pins. The colour for the inside part (contact supports) is fixed in the attachment to the USB specification for the Mini/ Micro USB plugs:

- **Mini/Micro-A (plug and socket) = white**
- **Mini/Micro -B (socket and plug) = black**
- **Mini-AB (socket) = grey**

Overview of the most frequently used USB plugs:



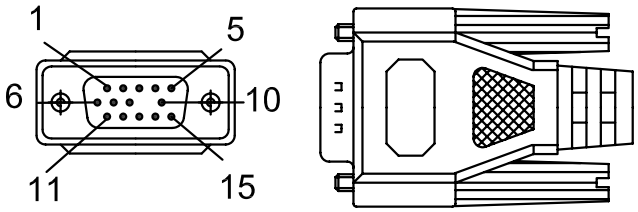
USB Typ A Plug (left), USB Type B Plug (right)



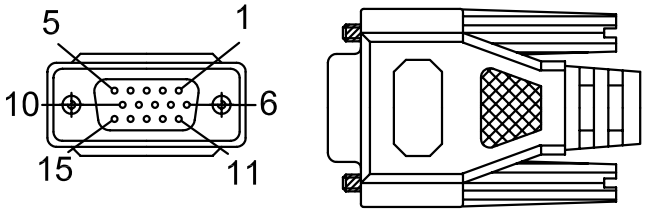
Mini USB, 5-polig (left), Mini USB, 4-polig (Mitsumi) (right)

VGA-/Monitor Connection

The VGA-/Monitor Connection is an analog picture transmission standard between graphic cards and display devices (monitors, beamers, for example). „VGA plugs“ are used for cable connections which are equipped with a 15 pole Mini-D-Sub-plug (also D called a Sub-Mini Connection) with three connection rows (type HD15 or also HD D-Sub15, see the following illustration). The VGA is also significant for the resolution of 640 × 480 which is the typical VGA resolution for many.



VGA / Monitor Plug

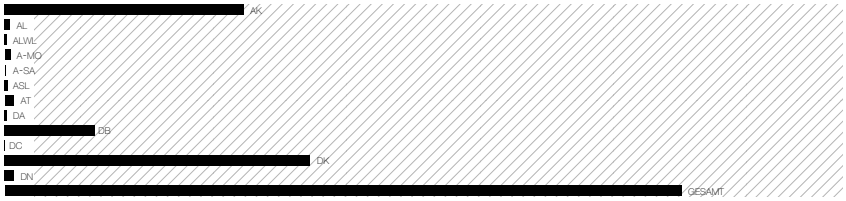


VGA / Monitor Socket

The output of the graphic card is always a socket (hidden contact pins). The input at the display device can have both genders, depending on the type. This is usually a socket as well (all modern tube and LCD monitors), so that a connection cable is required between two plugs (exposed contact pins).

VGA cables are cleary prone to faults, depending on quality and already with lengths below 5m. A suitable high frequency cable with a coaxial structure is therefore advantageous for the colour channels. VGA is generally only suitable to a limited extent for high resolutions above SXGA (1280x1024 pixels), since fuzziness can appear with analog tube displays and because digitalisation is very demanding in the display controller of the flat screen monitor when LCD monitors are in use.

The DVI interface which can also be used to transmit an analog VGA signal is the digital successor to the VGA interface. An adapter can therefore be used to operate VGA devices at DVI outputs, providing the appropriate signal lines area also supplied with an analog signal (only the case with DVI-I and DVI-A).



B.01 // Index

Article Number	Page
A PCMOUNT-KIT1	222
A PCMOUNT-KIT2	222
A PCMOUNT-KIT2	222
AB 410	82
AB 411	82
AB 412	82
AB 413	83
AB 414	83
AB 415	83
AB 418	84
AB 420	84
AB 467	85
AB 468	85
AB 469	86
AB 470	86
AB NM25	85
AB NM9	84
AB-AV 100	152
AB-AV 105	152
AB-AV 106	152
AB-AV 108	153
AB-AV 500	153
AB-AV 500LC	153
AB-AV 501	154
AB-AV 502	154
A-CABLE MANAGER	223
ACT-LAN-CT	225
ACT-LAN-MOD	226
ACT-LAN-PRO	226
ACT-LANXPLORER-PRO	227
ACT-LCS-400	225
ACT-LM26	226
ACT-PC-PRO	227
ACT-PNG60	227
AK 203 2,5M	145
AK 203/MM	145
AK 243	144
AK 243 10M	144
AK 243-015	144
AK 243-025	144
AK 243-050	144
AK 244	144
AK 313	148
AK 316	148
AK 319 0,20M	126
AK 3620 0,75M	112
AK 3620-050	112
AK 390	148
AK 395	146
AK 395-50	146
AK 501 2M	118
AK 501/DK	121
AK 501/DK	121
AK 501-I	121
AK 501-SCHWEIZ	122
AK 501-UK 2M	120
AK 501-USA	121
AK 502 2,5M	119
AK 502 2M	119
AK 502-UK	122
AK 503 2M	119
AK 503 5M	119
AK 504 2,5M	118
AK 505/Y-G	120
AK 520 0,2M	127
AK 521 0,2M	126
AK 522	118
AK 524 2M	119
AK 524/CH	123
AK 524/UK	123
AK 524/US	123
AK 533 2M	118
AK 535 2M	118
AK 53P4P	126
AK 555/Y-G	120
AK ATX-ADAP	129
AK ATX-ADAP2	129
AK ATX-AT	128
AK ATX-EXT	127
AK ATX-P4	127
AK CHMF-015	143
AK CHMF-025	143
AK CHMF-050	143
AK CHMF-100	143
AK CHMM-015	142
AK CHMM-025	142
AK CHMM-50	142
AK PCI-P6	128
AK TAE-F03	163
AK TAE-F06	163
AK TAE-F10	163
AK-101002	142
AK-101008	142
AK-101022	144
AK-101028	143
AK-101030	143
AK-101036-1	143
AK-102001	144
AK-102018	146
AK-102023	145
AK-102027	145
AK-102030	145
AK-107001	148
AK-107037	149
AK-112300	28
AK-112301	28
AK-112302	28
AK-112303	28
AK-112310	28
AK-112311	28
AK-112312	28
AK-112313	28
AK-112320	29
AK-112321	29
AK-112330	30
AK-112331	30
AK-112332	30
AK-112340	30
AK-112341	30
AK-112342	30
AK-112343	30
AK-112344	30
AK-117001	162
AK-117002	162
AK-117003	162
AK-117004	162
AK-117015	162
AK-117016	162
AK-117017	162
AK-117018	162
AK-117019	162
AK-125006	130
AK-134002	128
AK-134003	129
AK-1512-005	185
AK-1512-010	185
AK-1512-020	185
AK-1512-030	185
AK-1512-050	185
AK-1512-070	185
AK-1512-100	185
AK-1512-150	185
AK-1512-200	185
AK-1522-005	185
AK-1522-010	185
AK-1522-020	185
AK-1522-030	185
AK-1522-050	185
AK-1522-070	185
AK-1522-100	185
AK-1522-150	185
AK-1522-200	185
AK-1532-005	186
AK-1532-005/B	186
AK-1532-005/G	186
AK-1532-005/R	186
AK-1532-005/Y	186
AK-1532-010	186
AK-1532-010/B	186
AK-1532-010/G	186
AK-1532-010/R	186
AK-1532-010/Y	186
AK-1532-020	186
AK-1532-020/B	186
AK-1532-020/G	186
AK-1532-020/R	186
AK-1532-020/Y	186
AK-1532-030	186
AK-1532-030/B	186
AK-1532-030/G	186
AK-1532-030/R	186
AK-1532-030/Y	186
AK-1532-050	186
AK-1532-050/B	186
AK-1532-050/G	186
AK-1532-050/R	186
AK-1532-050/Y	186
AK-1532-070	186
AK-1532-100	186
AK-1532-100/B	186
AK-1532-100/G	186
AK-1532-100/R	186
AK-1532-100/Y	186
AK-1532-150	186
AK-1532-150/B	186
AK-1532-150/G	186
AK-1532-150/R	186
AK-1532-150/Y	186
AK-1532-200	186
AK-1532-200/G	186
AK-1532-200/R	186
AK-1532-200/Y	186
AK-219601	166
AK-300100-010-S	12
AK-300100-018-S	12
AK-300100-030-S	12
AK-300100-050-S	12
AK-300101-010-S	12
AK-300101-018-S	12
AK-300101-030-S	12
AK-300101-050-S	12
AK-300102-010-E	13
AK-300102-010-S	13
AK-300102-018-E	13
AK-300102-018-S	13
AK-300102-030-E	13
AK-300102-030-S	13
AK-300104-010-E	13
AK-300104-010-S	14
AK-300104-018-E	13
AK-300104-018-S	14
AK-300104-030-E	13
AK-300104-030-S	14
AK-300104-050-E	13
AK-300104-050-S	14
AK-300105-005-S	14
AK-300105-010-E	14
AK-300105-010-S	14
AK-300105-018-E	14
AK-300105-018-S	14
AK-300105-030-E	14
AK-300105-030-S	14
AK-300105-050-E	14
AK-300105-050-S	14
AK-300106-010-S	15
AK-300106-018-S	15
AK-300107-010-S	15
AK-300107-018-S	15
AK-300107-030-S	15
AK-300107-050-S	15
AK-300108-010-S	16
AK-300108-018-S	16
AK-300108-030-S	16
AK-300108-050-S	16
AK-300109-018-S	16
AK-300109-030-S	16
AK-300109-050-S	16
AK-300110-010-S	17
AK-300110-018-S	17
AK-300110-030-S	17
AK-300110-050-S	17
AK-300111-018-S	17
AK-300111-030-S	17
AK-300111-050-S	17
AK-300113-010-S	18
AK-300200-018-E	18
AK-300200-018-S	19
AK-300200-030-E	18
AK-300200-030-S	19
AK-300200-050-E	18
AK-300200-050-S	19
AK-300201-018-E	19
AK-300201-018-S	19
AK-300201-030-E	19
AK-300201-030-S	19
AK-300201-050-E	19
AK-300201-050-S	19
AK-300202-018-E	20
AK-300202-018-S	20
AK-300202-030-E	20
AK-300202-030-S	20
AK-300202-050-E	20
AK-300202-050-S	20
AK-300301-002-E	22
AK-300301-002-E	108
AK-300302-002-E	22
AK-300302-002-E	108
AK-300304-002-E	22
AK-300304-002-E	108
AK-300305-002-S	59
AK-300500-000-S	23
AK-300501-000-S	23
AK-300502-000-S	23
AK-300503-000-S	24
AK-300504-000-S	24
AK-300507-000-S	24
AK-300510-000-S	31
AK-300511-000-S	31
AK-300512-000-S	32
AK-300513-000-S	32
AK-300514-000-S	32
AK-300516-000-S	33
AK-300517-000-S	33
AK-310100-018-E	36
AK-310100-030-E	36
AK-310100-050-E	36
AK-310101-018-E	36
AK-310101-030-E	36
AK-310101-050-E	36
AK-310101-100-E	36
AK-310102-018-E	37
AK-310102-030-E	37
AK-310102-050-E	37
AK-310102-100-E	37
AK-310103-005-E	37
AK-310103-010-E	37
AK-310103-018-E	37
AK-310103-030-E	37
AK-310103-050-E	37
AK-310103-100-E	37
AK-310103-150-E	37
AK-310103-200-E	37
AK-310200-018-E	38
AK-310200-030-E	38
AK-310200-050-E	38
AK-310201-018-E	38
AK-310201-030-E	38
AK-310201-050-E	38
AK-310201-100-E	38
AK-310202-018-E	39
AK-310202-030-E	39
AK-310202-050-E	39
AK-310202-100-E	39
AK-310203-018-E	39
AK-310203-030-E	39
AK-310203-050-E	39
AK-310203-100-E	39
AK-310203-150-E	39
AK-310203-200-E	39
AK-310300-020-S	40
AK-310400-002-S	40
AK-310401-002-S	41
AK-320100-005-S	44
AK-320100-010-S	44
AK-320100-020-S	44
AK-320100-030-S	44
AK-320100-050-S	44
AK-320100-100-S	44
AK-320101-005-S	45
AK-320101-010-S	45
AK-320101-020-S	45
AK-320101-030-S	45
AK-320101-050-S	45
AK-320101-100-S	45
AK-320102-020-S	46
AK-320102-030-S	46
AK-320102-050-S	46
AK-320107-005-S	44
AK-320107-010-S	44
AK-320107-020-S	44
AK-320107-030-S	44
AK-320107-050-S	44
AK-320108-005-S	45
AK-320108-010-S	45
AK-320108-020-S	45
AK-320108-030-S	45
AK-320108-050-S	45
AK-320200-020-S	46
AK-320200-030-S	46
AK-320200-050-S	46
AK-320200-100-S	46
AK-320202-020-S	46
AK-320202-030-S	46
AK-320202-050-S	46
AK-320202-100-S	46
AK-320300-020-S	47
AK-320300-030-S	47
AK-320300-050-S	47
AK-320400-002-S	48
AK-320401-002-S	48
AK-320402-002-S	48
AK-320403-002-S	49
AK-320500-000-S	49
AK-320504-000-S	50
AK-320505-000-S	50
AK-330100-005-S	54
AK-330100-010-S	54
AK-330100-020-S	54
AK-330100-030-S	54
AK-330101-005-S	54
AK-330101-010-S	54
AK-330101-020-S	54
AK-330101-030-S	54
AK-330101-050-S	54
AK-330101-100-S	54
AK-330102-005-S	54
AK-330102-010-S	54
AK-330102-020-S	54
AK-330102-030-S	54
AK-330102-050-S	54
AK-330102-100-S	54
AK-330103-020-S	55
AK-330103-030-S	55
AK-330103-050-S	55
AK-330104-005-S	55
AK-330104-010-S	55
AK-330104-015-S	55
AK-330104-020-S	55
AK-330104-020-W	56
AK-330104-030-S	55
AK-330104-030-W	56
AK-330104-050-S	55
AK-330104-050-W	56
AK-330105-100-S	56
AK-330105-150-S	56
AK-330105-200-S	56
AK-330105-300-S	56
AK-330105-400-S	56
AK-330106-020-S	56
AK-330106-030-S	56
AK-330106-050-S	56
AK-330107-010-S	60
AK-330107-020-S	60
AK-330107-030-S	60
AK-330107-050-S	60
AK-330107-100-S	60
AK-330108-020-S	60
AK-330108-030-S	60
AK-330108-050-S	60
AK-330109-005-S	61
AK-330109-010-S	61
AK-330109-020-S	61
AK-330109-030-S	61
AK-330109-050-S	61
AK-330200-020-S	57
AK-330200-030-S	57
AK-330200-050-S	57
AK-330201-020-S	61
AK-330201-030-S	61
AK-330201-050-S	61
AK-330300-005-S	57
AK-330300-010-S	57
AK-330300-020-S	57
AK-330300-030-S	57
AK-330300-050-S	57
AK-330300-100-S	57
AK-330301-020-S	58
AK-330301-030-S	58
AK-330301-050-S	58
AK-330400-002-S	58
AK-330401-002-S	59
AK-330402-002-S	59
AK-330500-000-S	61
AK-330501-000-S	62
AK-330502-000-S	62
AK-330503-000-S	63
AK-330504-000-S	63
AK-330505-000-S	64
AK-330506-000-S	65
AK-330508-000-S	65
AK-340100-010-S	68
AK-340100-020-S	68
AK-340100-030-S	68
AK-340100-050-S	68
AK-340101-010-W	72

Article Number	Page
AK-340101-020-W	72
AK-340101-030-W	72
AK-340102-010-W	72
AK-340102-020-W	72
AK-340102-030-W	72
AK-340200-020-S	68
AK-340200-030-S	68
AK-340200-050-S	68
AK-340301-010-S	68
AK-340301-020-S	68
AK-340301-030-S	68
AK-340301-050-S	68
AK-340305-010-W	72
AK-340305-020-W	72
AK-340305-030-W	72
AK-340400-001-S	69
AK-340401-001-S	69
AK-340402-001-S	69
AK-340403-001-S	70
AK-340404-001-W	73
AK-340405-001-W	73
AK-340406-001-W	73
AK-340407-001-W	74
AK-340509-002-W	74
AK-340600-000-S	70
AK-340602-000-S	70
AK-340603-000-S	71
AK-340604-000-S	71
AK-340605-000-W	74
AK-400100-003-R	96
AK-400100-005-R	96
AK-400100-008-R	96
AK-400100-010-R	96
AK-400101-003-R	96
AK-400101-008-R	96
AK-400102-003-R	96
AK-400102-005-R	96
AK-400102-008-R	96
AK-400102-010-R	96
AK-400103-003-R	97
AK-400103-005-R	97
AK-400103-008-R	97
AK-400104-003-R	97
AK-400104-005-R	97
AK-400104-008-R	97
AK-400105-003-R	97
AK-400105-005-R	97
AK-400105-008-R	97
AK-400106-003-R	98
AK-400106-005-R	98
AK-400107-003-R	98
AK-400107-005-R	98
AK-400112-005-R	98
AK-400112-008-R	98
AK-400112-010-R	98
AK-400114-005-R	99
AK-400115-008-S	99
AK-400115-010-S	99
AK-400115-015-S	99
AK-400116-010-S	100
AK-400116-015-S	100
AK-400203-005-R	100
AK-400203-005-R	109
AK-400204-005-R	100
AK-400204-005-R	109
AK-400205-005-R	101
AK-400205-005-R	109
AK-400500-000-S	101
AK-400501-000-S	101
AK-417006	164
AK-418006	163
AK-420007	164
AK-420100-018-S	92
AK-420101-018-S	92
AK-420101-030-S	92
AK-420101-045-S	92
AK-420102-018-S	92
AK-420103-018-S	93
AK-420104-018-S	93
AK-420105-010-S	93
AK-420105-018-S	93
AK-420105-030-S	93
AK-500100-015-S	146
AK-500100-015-S	146
AK-500100-020-S	146
AK-500100-030-S	146
AK-580100-018-E	114
AK-580100-030-E	114
AK-580100-050-E	114

Article Number	Page
AK-580101-018-E	114
AK-580101-030-E	114
AK-580101-050-E	114
AK-580101-100-E	114
AK-580102-018-E	114
AK-580103-018-E	115
AK-580105-030-E	115
AK-580300-003-E	110
AK-580300-003-E	115
AK-590100-020-E	88
AK-590100-030-E	88
AK-590100-050-E	88
AK-590200-020-E	88
AK-590200-050-E	88
AK-590301-003-E	89
AK-590301-003-E	110
AK-610100-018-E	76
AK-610100-030-E	76
AK-610101-020-E	76
AK-610101-030-E	76
AK-610102-030-E	76
AK-610103-030-E	77
AK-610104-020-E	77
AK-610105-020-E	77
AK-610106-020-E	78
AK-610106-030-E	78
AK-610106-050-E	78
AK-610107-020-E	78
AK-610107-030-E	78
AK-610200-020-E	79
AK-610201-020-E	79
AK-610201-030-E	79
AK-610201-050-E	79
AK-610202-020-E	80
AK-610203-020-E	80
AK-610203-030-E	80
AK-610203-050-E	80
AK-610203-100-E	80
AK-610300-003-E	81
AK-610500-000-E	81
AK-610501-000-E	81
AK-617005	216
AK-617006	216
AK-618001	217
AK-618002	217
AK-618003	216
AK-618004	217
AK-ATA-100	112
AK-ATA-100/1	112
AK-ATA133-1ROUND	112
AK-ATA133-2ROUND	112
AK-AV 100	145
AK-AV 200	142
AK-AV 201	142
AK-AV 202	142
AK-AV 400	174
AK-AV 401	174
AKB-1	222
AKB-1KE	223
AKB-1SOK	223
AKB-2	222
AKB-2KE	223
AKB-3	222
AKB-4KE	223
AKHF-1	224
AK-SAS-01	104
AK-SAT-001-S	170
AK-SAT-002-S	170
AK-SAT-005-S	170
AK-SAT-010-S	170
AK-SAT068-025-S	173
AK-SAT068-050-S	173
AK-SAT068-100-S	173
AK-SATA-PC 015	130
AK-TV066-025-S	173
AK-TV066-100-S	173
AK-TVSB-001-S	170
AK-TVSB-002-S	170
AK-TVSB-005-S	170
AK-TVSB-010-S	170
AK-TVSBW-001-S	170
AK-TVSBW-002-S	170
AK-TVSBW-005-S	170
AK-TVSBW-010-S	170
AL-9E2000-01I	204
AL-9E2000-02I	204
AL-9E2000-03I	204
AL-9E2000-05I	204
AL-9E2000LC-01I	204

Article Number	Page
AL-9E2000LC-02I	204
AL-9E2000LC-03I	204
AL-9E2000LC-05I	204
AL-9E2000SC-01I	204
AL-9E2000SC-02I	204
AL-9E2000SC-03I	204
AL-9E2000SC-05I	204
AL-9FPE2000-02I	204
ALWL-E2000	204
A-MO 4/4 SF	166
A-MO 6/4 SF	166
A-MO 6/4 SR	165
A-MO 6/6 SF	166
A-MO 8/8 HRS	166
A-MO 8/8 SF	166
A-MO 8/8 SR	165
A-MO 8/8 SRS	165
A-MO6 8/8 HRS	166
A-MOT 8/8	167
A-MOT/B 8/8	167
A-MOT/E 8/8	167
A-MOT/G 8/8	167
A-MOT/R 8/8	167
A-MOT/Y 8/8	167
A-SATKV-BB-S	172
A-SATS-068-S	172
ASL-3-2	132
ASL-6-3	132
ASL-ALU-6	132
ASL-ALU-6MS	132
ASL-ALU-6SUG	132
ASL-KU-4MS	132
ASL-KU-6	132
ASL-KU-6SUG	132
AT-23054	168
AT-23065	168
AT-23066	168
AT-23067	168
AT-35023	163
AT-35024	163
AT-A 6/6	164
AT-A 8/8	164
AT-AG 2X8/8	165
AT-AG CX2	167
AT-AG CX2NEW	167
AT-AG6 8/8	165
AT-AG6 8/8CROSS	165
AT-ALSA6-M	167
AT-K 1801 100M	173
AT-K 1802 100M-1	173
AT-K 1803 100M	173
A-TVBG-S	171
A-TVBW-S	171
A-TVSG-S	171
DA-50005	137
DA-50006	137
DA-70130	21
DA-70601	228
DA-CT4001	224
DA-RET-RJ45	168
DB-004257	119
DB-050056	145
DB-050063	144
DB-062943	145
DB-062981	144
DB-063117	126
DB-063438	112
DB-063803	118
DB-063827	120
DB-063841	119
DB-063858	119
DB-063865	118
DB-063933	126
DB-064060	118
DB-078043	112
DB-079156	112
DB-079163	112
DB-083320	148
DB-086260	146
DB-093640	126
DB-095996	127
DB-106142	146
DB-106241	112
DB-109884	145
DB-109891	144
DB-109945	142
DB-109952	142
DB-109969	142
DB-110002	143

Article Number	Page
DB-110019	143
DB-110095	152
DB-110149	152
DB-110156	152
DB-110224	144
DB-110231	144
DB-110750	153
DB-115601	153
DB-129653	130
DB-174004	129
DB-183761	129
DB-226918	144
DB-272366	29
DB-272380	29
DB-272403	29
DB-272427	29
DB-272434	28
DB-272465	28
DB-272502	28
DB-272533	28
DB-272656	29
DB-272663	29
DB-272670	31
DB-272687	31
DB-272694	31
DB-272700	30
DB-272717	30
DB-272724	30
DB-272731	30
DB-300100-018-S	12
DB-300100-050-S	12
DB-300101-018-S	12
DB-300101-030-S	12
DB-300104-010-E	13
DB-300104-018-E	13
DB-300104-018-S	14
DB-300104-030-E	13
DB-300104-030-S	14
DB-300104-050-E	13
DB-300104-050-S	14
DB-300105-018-S	14
DB-300105-030-S	14
DB-300105-050-S	14
DB-300106-018-S	15
DB-300107-018-S	15
DB-300108-010-S	16
DB-300108-018-S	16
DB-300108-030-S	16
DB-300108-050-S	16
DB-300109-018-S	16
DB-300110-018-S	17
DB-300110-030-S	17
DB-300118-010-D	12
DB-300118-018-D	12
DB-300118-030-D	12
DB-300118-050-D	12
DB-300119-010-D	15
DB-300119-018-D	15
DB-300119-030-D	15
DB-300119-050-D	15
DB-300121-010-D	16
DB-300121-018-D	16
DB-300121-030-D	16
DB-300121-050-D	16
DB-300126-010-D	17
DB-300126-018-D	17
DB-300126-030-D	17
DB-300126-050-D	17
DB-300201-018-E	19
DB-300201-018-S	19
DB-300201-030-E	19
DB-300201-030-S	19
DB-300201-050-E	19
DB-300201-050-S	19
DB-300202-018-S	20
DB-300202-030-S	20
DB-300202-050-S	20
DB-300204-015-S	21
DB-300207-018-D	20
DB-300207-030-D	20
DB-300207-050-D	20
DB-300503-000-S	23
DB-310100-018-E	36
DB-310101-030-E	36
DB-310104-018-D	36
DB-310104-030-D	36
DB-310104-050-D	36
DB-310105-018-D	37
DB-310105-030-D	37

Article Number	Page
DB-310105-050-D	37
DB-310204-018-D	38
DB-310204-030-D	38
DB-310204-050-D	38
DB-310205-018-D	39
DB-310205-030-D	39
DB-310205-050-D	39
DB-310301-020-D	40
DB-320100-020-S	44
DB-320103-020-D	44
DB-320103-030-D	44
DB-320103-050-D	44
DB-320103-100-D	44
DB-320104-020-D	45
DB-320104-030-D	45
DB-320104-050-D	45
DB-320104-100-D	45
DB-320201-020-D	47
DB-320301-020-D	47
DB-320500-000-S	49
DB-320504-000-S	50
DB-320505-000-S	50
DB-320506-000-D	49
DB-320508-000-D	50
DB-320509-000-D	51
DB-330101-020-S	54
DB-330101-030-S	54
DB-330101-050-S	54
DB-330106-020-S	56
DB-330107-020-S	60
DB-330107-030-S	60
DB-330107-050-S	60
DB-330110-010-D	55
DB-330110-020-D	55
DB-330110-030-D	55
DB-330110-050-D	55
DB-330112-010-D	60
DB-330112-020-D	60
DB-330112-030-D	60
DB-330112-050-D	60
DB-330302-020-D	57
DB-330302-030-D	57
DB-330302-050-D	57
DB-330302-100-D	57
DB-330303-020-D	58
DB-330303-030-D	58
DB-330303-050-D	58
DB-330505-000-S	64
DB-330513-000-D	63
DB-330514-000-D	64
DB-330515-000-D	64
DB-330516-000-D	65
DB-340100-010-S	68
DB-340100-020-S	68
DB-340100-030-S	68
DB-340100-050-S	68
DB-340101-020-W	72
DB-340101-030-W	72
DB-340101-050-W	72
DB-340102-010-W	72
DB-340102-020-W	72
DB-340102-030-W	72
DB-340200-020-S	68
DB-340200-030-S	68
DB-340200-050-S	68
DB-340301-010-S	68
DB-340301-020-S	68
DB-340301-030-S	68
DB-340301-050-S	68
DB-340400-001-S	69
DB-340401-001-S	69
DB-340402-001-S	69
DB-340403-001-S	70
DB-340404-001-W	73
DB-340405-001-W	73
DB-340406-001-W	73
DB-340407-001-W	74
DB-340600-000-S	70
DB-340602-000-S	70
DB-340603-000-S	71
DB-340604-000-S	71
DB-340605-000-W	74
DB-400119-008-D	99
DB-400119-015-D	99
DB-500101-010-S	146
DB-500101-015-S	146
DB-500101-020-S	146
DB-500101-030-S	146
DB-600100-003-S	136

B.01 // Index

Article Number	Page
DB-600100-005-W	136
DB-600100-010-W	136
DB-600101-015-W	136
DB-600500-000-W	137
DB-600900-010-W	137
DC USB-PM1	116
DK-112300	29
DK-112301	29
DK-112302	29
DK-112303	29
DK-112310	28
DK-112311	28
DK-112312	28
DK-112313	28
DK-112320	29
DK-112321	29
DK-112330	31
DK-112331	31
DK-112332	31
DK-112340	30
DK-112341	30
DK-112342	30
DK-112343	30
DK-1511-0025	184
DK-1511-0025/B	184
DK-1511-0025/BL	184
DK-1511-0025/G	184
DK-1511-0025/R	184
DK-1511-0025/WH	184
DK-1511-0025/Y	184
DK-1511-005	184
DK-1511-005/B	184
DK-1511-005/BLACK	184
DK-1511-005/G	184
DK-1511-005/R	184
DK-1511-005/WH	184
DK-1511-005/Y	184
DK-1511-010	184
DK-1511-010/B	184
DK-1511-010/BLACK	184
DK-1511-010/G	184
DK-1511-010/R	184
DK-1511-010/WH	184
DK-1511-010/Y	184
DK-1511-015	184
DK-1511-015/B	184
DK-1511-015/BLACK	184
DK-1511-015/G	184
DK-1511-015/R	184
DK-1511-015/WH	184
DK-1511-015/Y	184
DK-1511-020	184
DK-1511-020/B	184
DK-1511-020/BLACK	184
DK-1511-020/G	184
DK-1511-020/R	184
DK-1511-020/WH	184
DK-1511-020/Y	184
DK-1511-030	184
DK-1511-030/B	184
DK-1511-030/BLACK	184
DK-1511-030/G	184
DK-1511-030/R	184
DK-1511-030/WH	184
DK-1511-030/Y	184
DK-1511-050	184
DK-1511-050/B	184
DK-1511-050/BLACK	184
DK-1511-050/G	184
DK-1511-050/R	184
DK-1511-050/WH	184
DK-1511-050/Y	184
DK-1511-070	184
DK-1511-070/B	184
DK-1511-070/BLACK	184
DK-1511-070/G	184
DK-1511-070/R	184
DK-1511-070/WH	184
DK-1511-070/Y	184
DK-1511-100	184
DK-1511-100/B	184
DK-1511-100/BLACK	184
DK-1511-100/G	184
DK-1511-100/R	184
DK-1511-100/WH	184
DK-1511-100/Y	184
DK-1511-150	184
DK-1511-150/B	184
DK-1511-150/BLACK	184
DK-1511-150/G	184
DK-1511-150/R	184
DK-1511-150/WH	184
DK-1511-150/Y	184
DK-1511-200	184
DK-1511-200/B	184
DK-1511-200/BLACK	184
DK-1511-200/G	184
DK-1511-200/R	184
DK-1511-200/WH	184
DK-1511-200/Y	184
DK-1511-250	184
DK-1511-300	184
DK-1511-300/B	184
DK-1511-300/BLACK	184
DK-1511-300/G	184
DK-1511-300/R	184
DK-1511-300/WH	184
DK-1511-300/Y	184
DK-1511-P-1	198
DK-1511-P-305	198
DK-1511-V-1	194
DK-1511-V-305	194
DK-1521-0025	183
DK-1521-0025/B	183
DK-1521-0025/BL	183
DK-1521-0025/G	183
DK-1521-0025/R	183
DK-1521-0025/WH	183
DK-1521-0025/Y	183
DK-1521-003-CO	183
DK-1521-005	183
DK-1521-005/B	183
DK-1521-005/BL	183
DK-1521-005/G	183
DK-1521-005/R	183
DK-1521-005/Y	183
DK-1521-005-CO	183
DK-1521-010	183
DK-1521-010/B	183
DK-1521-010/BL	183
DK-1521-010/G	183
DK-1521-010/R	183
DK-1521-010/Y	183
DK-1521-010-CO	183
DK-1521-020	183
DK-1521-020/B	183
DK-1521-020/BL	183
DK-1521-020/G	183
DK-1521-020/R	183
DK-1521-020/Y	183
DK-1521-020-CO	183
DK-1521-030	183
DK-1521-030/B	183
DK-1521-030/BL	183
DK-1521-030/G	183
DK-1521-030/R	183
DK-1521-030/Y	183
DK-1521-030-CO	183
DK-1521-050	183
DK-1521-050/B	183
DK-1521-050/BL	183
DK-1521-050/G	183
DK-1521-050/R	183
DK-1521-050/Y	183
DK-1521-050-CO	183
DK-1521-070	183
DK-1521-100	183
DK-1521-100/B	183
DK-1521-100/BL	183
DK-1521-100/G	183
DK-1521-100/R	183
DK-1521-100/Y	183
DK-1521-100-CO	183
DK-1521-150	183
DK-1521-150/B	183
DK-1521-150/BL	183
DK-1521-150/G	183
DK-1521-150/R	183
DK-1521-150/Y	183
DK-1521-150-CO	183
DK-1521-200	183
DK-1521-200/B	183
DK-1521-200/BL	183
DK-1521-200/G	183
DK-1521-200/R	183
DK-1521-200/Y	183
DK-1521-200-CO	183
DK-1521-300	183
DK-1521-300-CO	183
DK-1521-500	183
DK-1521-P-1	197
DK-1521-P-305	197
DK-1521-V-1	193
DK-1521-V-305	193
DK-1531-0025	182
DK-1531-0025/B	182
DK-1531-0025/BL	182
DK-1531-0025/G	182
DK-1531-0025/R	182
DK-1531-0025/WH	182
DK-1531-0025/Y	182
DK-1531-005	182
DK-1531-005/B	182
DK-1531-005/BL	182
DK-1531-005/G	182
DK-1531-005/R	182
DK-1531-005/Y	182
DK-1531-005-CO	182
DK-1531-010	182
DK-1531-010/B	182
DK-1531-010/BL	182
DK-1531-010/G	182
DK-1531-010/R	182
DK-1531-010/Y	182
DK-1531-010-CO	182
DK-1531-020	182
DK-1531-020/B	182
DK-1531-020/BL	182
DK-1531-020/G	182
DK-1531-020/R	182
DK-1531-020/Y	182
DK-1531-020-CO	182
DK-1531-030	182
DK-1531-030/B	182
DK-1531-030/BL	182
DK-1531-030/G	182
DK-1531-030/R	182
DK-1531-030/Y	182
DK-1531-030-CO	182
DK-1531-050	182
DK-1531-050/B	182
DK-1531-050/BL	182
DK-1531-050/G	182
DK-1531-050/R	182
DK-1531-050/Y	182
DK-1531-050-CO	182
DK-1531-070	182
DK-1531-070/B	182
DK-1531-070/BL	182
DK-1531-070/G	182
DK-1531-070/R	182
DK-1531-070/Y	182
DK-1531-100	182
DK-1531-100/B	182
DK-1531-100/BL	182
DK-1531-100/G	182
DK-1531-100/R	182
DK-1531-100/Y	182
DK-1531-100-CO	182
DK-1531-150	182
DK-1531-150/B	182
DK-1531-150/BL	182
DK-1531-150/G	182
DK-1531-150/R	182
DK-1531-150/Y	182
DK-1531-150-CO	182
DK-1531-200	182
DK-1531-200/B	182
DK-1531-200/BL	182
DK-1531-200/G	182
DK-1531-200/R	182
DK-1531-200/Y	182
DK-1531-200-CO	182
DK-1531-300	182
DK-1531-300/B	182
DK-1531-300/BL	182
DK-1531-300/G	182
DK-1531-300/R	182
DK-1531-300/Y	182
DK-1531-300-CO	182
DK-1531-P-1	196
DK-1531-P-305	196
DK-1531-V-1	192
DK-1531-V-305	192
DK-1531-VH-1	191
DK-1531-VH-5	191
DK-1611-005	181
DK-1611-005/B	181
DK-1611-005/BL	181
DK-1611-005/G	181
DK-1611-005/R	181
DK-1611-005/WH	181
DK-1611-005/Y	181
DK-1611-010	181
DK-1611-010/B	181
DK-1611-010/BL	181
DK-1611-010/G	181
DK-1611-010/R	181
DK-1611-010/WH	181
DK-1611-010/Y	181
DK-1611-020	181
DK-1611-020/B	181
DK-1611-020/BL	181
DK-1611-020/G	181
DK-1611-020/R	181
DK-1611-020/WH	181
DK-1611-020/Y	181
DK-1611-030	181
DK-1611-030/B	181
DK-1611-030/BL	181
DK-1611-030/G	181
DK-1611-030/R	181
DK-1611-030/WH	181
DK-1611-030/Y	181
DK-1611-050	181
DK-1611-050/B	181
DK-1611-050/BL	181
DK-1611-050/G	181
DK-1611-050/R	181
DK-1611-050/WH	181
DK-1611-050/Y	181
DK-1611-070	181
DK-1611-070/B	181
DK-1611-070/BL	181
DK-1611-070/G	181
DK-1611-070/R	181
DK-1611-070/WH	181
DK-1611-070/Y	181
DK-1611-100	181
DK-1611-100/B	181
DK-1611-100/BL	181
DK-1611-100/G	181
DK-1611-100/R	181
DK-1611-100/WH	181
DK-1611-100/Y	181
DK-1611-150	181
DK-1611-200	181
DK-1611-300	181
DK-1611-P-1	195
DK-1611-P-305	195
DK-1611-V-1	190
DK-1611-V-305	190
DK-1613-005	180
DK-1613-005/B	180
DK-1613-005/G	180
DK-1613-005/R	180
DK-1613-005/Y	180
DK-1613-010	180
DK-1613-010/B	180
DK-1613-010/G	180
DK-1613-010/R	180
DK-1613-010/Y	180
DK-1613-020	180
DK-1613-020/B	180
DK-1613-020/G	180
DK-1613-020/R	180
DK-1613-020/Y	180
DK-1613-030	180
DK-1613-030/B	180
DK-1613-030/G	180
DK-1613-030/R	180
DK-1613-030/Y	180
DK-1613-050	180
DK-1613-050/B	180
DK-1613-050/G	180
DK-1613-050/R	180
DK-1613-050/Y	180
DK-1613-070	180
DK-1613-070/B	180
DK-1613-070/G	180
DK-1613-070/R	180
DK-1613-070/Y	180
DK-1613-100	180
DK-1613-100/B	180
DK-1613-100/G	180
DK-1613-100/R	180
DK-1613-100/Y	180
DK-1641-005	178
DK-1641-005/B	178
DK-1641-005/BL	178
DK-1641-005/BL	178
DK-1641-005/G	178
DK-1641-005/R	178
DK-1641-005/Y	178
DK-1641-005-CO	178
DK-1641-010	178
DK-1641-010/B	178
DK-1641-010/BL	178
DK-1641-010/G	178
DK-1641-010/R	178
DK-1641-010/Y	178
DK-1641-010-CO	178
DK-1641-020	178
DK-1641-020/B	178
DK-1641-020/BL	178
DK-1641-020/G	178
DK-1641-020/R	178
DK-1641-020/Y	178
DK-1641-020-CO	178
DK-1641-025	178
DK-1641-025/B	178
DK-1641-025/G	178
DK-1641-025/R	178
DK-1641-025/WH	178
DK-1641-025/Y	178
DK-1641-030	178
DK-1641-030/B	178
DK-1641-030/BL	178
DK-1641-030/G	178
DK-1641-030/R	178
DK-1641-030/Y	178
DK-1641-030-CO	178
DK-1641-050	178
DK-1641-050/B	178
DK-1641-050/BL	178
DK-1641-050/G	178
DK-1641-050/R	178
DK-1641-050/Y	178
DK-1641-050-CO	178
DK-1641-070	178
DK-1641-070/B	178
DK-1641-070/BL	178
DK-1641-070/G	178
DK-1641-070/R	178
DK-1641-070/Y	178
DK-1641-070-CO	178
DK-1641-100	178
DK-1641-100/B	178
DK-1641-100/BL	178
DK-1641-100/G	178
DK-1641-100/R	178
DK-1641-100/Y	178
DK-1641-100-CO	178
DK-1641-150	178
DK-1641-150-CO	178
DK-1641-200	178
DK-1641-200-CO	178
DK-1641-300	178
DK-1641-300-CO	178
DK-1643-005	179
DK-1643-005/B	179
DK-1643-005/G	179
DK-1643-005/R	179
DK-1643-005/Y	179
DK-1643-010	179
DK-1643-010/B	179
DK-1643-010/G	179
DK-1643-010/R	179
DK-1643-010/Y	179
DK-1643-020	179
DK-1643-020/B	179
DK-1643-020/G	179
DK-1643-020/R	179
DK-1643-020/Y	179
DK-1643-030	179
DK-1643-030/B	179
DK-1643-030/G	179
DK-1643-030/R	179
DK-1643-030/Y	179
DK-1643-050	179
DK-1643-050/B	179
DK-1643-050/G	179
DK-1643-050/R	179
DK-1643-050/Y	179
DK-1643-070	179

Article Number	Page
DK-1643-070/B	179
DK-1643-070/G	179
DK-1643-070/R	179
DK-1643-070/Y	179
DK-1643-100	179
DK-1643-100/B	179
DK-1643-100/G	179
DK-1643-100/R	179
DK-1643-100/Y	179
DK-1741-VH-1	188
DK-1741-VH-10	188
DK-1741-VH-5	188
DK-1741-VH-D-5	189
DK-2511-01	201
DK-2511-01/3	201
DK-2511-02	201
DK-2511-02/3	201
DK-2511-03	201
DK-2511-03/3	201
DK-2511-05	201
DK-2511-05/3	201
DK-2511-07	201
DK-2511-07/3	201
DK-2511-10	201
DK-2511-10/3	201
DK-25112-02	211
DK-25112-02/3	211
DK-2512-01	202
DK-2512-01/3	202
DK-2512-02	202
DK-2512-02/3	202
DK-2512-03	202
DK-2512-03/3	202
DK-2512-05	202
DK-2512-05/3	202
DK-2512-07	202
DK-2512-07/3	202
DK-2512-10	202
DK-2512-10/3	202
DK-2522-01	201
DK-2522-01/3	201
DK-2522-02	201
DK-2522-02/3	201
DK-2522-03	201
DK-2522-03/3	201
DK-2522-05	201
DK-2522-05/3	201
DK-2522-07	201
DK-2522-07/3	201
DK-2522-10	201
DK-2522-10/3	201
DK-25221-02	211
DK-25221-02/3	211
DK-2531-01	203
DK-2531-01/3	203
DK-2531-02	203
DK-2531-02/3	203
DK-2531-03	203
DK-2531-03/3	203
DK-2531-05	203
DK-2531-05/3	203
DK-2531-07	203
DK-2531-07/3	203
DK-2531-10	203
DK-2531-10/3	203
DK-2532-01	203
DK-2532-01/3	203
DK-2532-02	203
DK-2532-02/3	203
DK-2532-03	203
DK-2532-03/3	203
DK-2532-05	203
DK-2532-05/3	203
DK-2532-07	203
DK-2532-07/3	203
DK-2532-10	203
DK-2532-10/3	203
DK-2533-01	202
DK-2533-01/3	202
DK-2533-02	202
DK-2533-02/3	202
DK-2533-03	202
DK-2533-03/3	202
DK-2533-05	202
DK-2533-05/3	202
DK-2533-07	202
DK-2533-07/3	202
DK-2533-10	202
DK-2533-10/3	202
DK-25332-02	211
DK-25332-02/3	211
DK-2611-01	201
DK-2611-02	201
DK-2611-03	201
DK-2611-05	201
DK-2611-07	201
DK-2611-10	201
DK-2612-01	202
DK-2612-02	202
DK-2612-03	202
DK-2612-05	202
DK-2612-07	202
DK-2612-10	202
DK-2622-01	201
DK-2622-02	201
DK-2622-03	201
DK-2622-05	201
DK-2622-07	201
DK-2622-10	201
DK-2631-01	203
DK-2631-02	203
DK-2631-03	203
DK-2631-05	203
DK-2631-07	203
DK-2631-10	203
DK-2632-01	203
DK-2632-02	203
DK-2632-03	203
DK-2632-05	203
DK-2632-07	203
DK-2632-10	203
DK-2633-01	202
DK-2633-02	202
DK-2633-03	202
DK-2633-05	202
DK-2633-07	202
DK-2633-10	202
DK-2911-01	201
DK-2911-02	201
DK-2911-03	201
DK-2911-05	201
DK-2911-07	201
DK-2911-10	201
DK-29112-02	211
DK-2912-01	202
DK-2912-02	202
DK-2912-03	202
DK-2912-05	202
DK-2912-07	202
DK-2912-10	202
DK-2922-01	201
DK-2922-02	201
DK-2922-03	201
DK-2922-05	201
DK-2922-07	201
DK-2922-10	201
DK-29221-02	211
DK-2931-01	203
DK-2931-02	203
DK-2931-03	203
DK-2931-05	203
DK-2931-07	203
DK-2931-10	203
DK-2932-01	203
DK-2932-02	203
DK-2932-03	203
DK-2932-05	203
DK-2932-07	203
DK-2932-10	203
DK-2933-01	202
DK-2933-02	202
DK-2933-03	202
DK-2933-05	202
DK-2933-07	202
DK-2933-10	202
DK-29332-02	211
DK-300118-010-D	12
DK-300118-018-D	12
DK-300118-030-D	12
DK-300118-050-D	12
DK-300119-010-D	15
DK-300119-018-D	15
DK-300119-030-D	15
DK-300119-050-D	15
DK-300121-010-D	16
DK-300121-018-D	16
DK-300121-030-D	16
DK-300121-050-D	16
DK-300126-010-D	17
DK-300126-018-D	17
DK-300126-030-D	17
DK-300126-050-D	17
DK-300207-018-D	20
DK-300207-030-D	20
DK-300207-050-D	20
DK-310104-018-D	36
DK-310104-030-D	36
DK-310104-050-D	36
DK-310105-018-D	37
DK-310105-030-D	37
DK-310105-050-D	37
DK-310105-100-D	37
DK-310105-150-D	37
DK-310105-200-D	37
DK-310204-018-D	38
DK-310204-030-D	38
DK-310204-050-D	38
DK-310205-018-D	39
DK-310205-030-D	39
DK-310205-050-D	39
DK-310205-100-D	39
DK-310205-150-D	39
DK-310205-200-D	39
DK-310301-020-D	40
DK-320103-020-D	44
DK-320103-030-D	44
DK-320103-050-D	44
DK-320103-100-D	44
DK-320104-020-D	45
DK-320104-030-D	45
DK-320104-050-D	45
DK-320104-100-D	45
DK-320201-020-D	47
DK-320201-030-D	47
DK-320201-050-D	47
DK-320201-100-D	47
DK-320301-020-D	47
DK-320301-030-D	47
DK-320301-050-D	47
DK-330110-010-D	55
DK-330110-020-D	55
DK-330110-030-D	55
DK-330110-050-D	55
DK-330110-100-D	55
DK-330112-010-D	60
DK-330112-020-D	60
DK-330112-030-D	60
DK-330112-050-D	60
DK-330112-100-D	60
DK-330302-020-D	57
DK-330302-030-D	57
DK-330302-050-D	57
DK-330302-100-D	57
DK-330303-020-D	58
DK-330303-030-D	58
DK-330303-050-D	58
DK-35041/3-U	209
DK-35041-U	209
DK-35081/3-U	209
DK-35081-U	209
DK-35121/3-U	209
DK-35121-U	209
DK-35241/3-U	209
DK-35241-U	209
DK-39041-U	209
DK-39081-U	209
DK-39121-U	209
DK-39241-U	209
DK-400119-008-D	99
DK-400119-010-D	99
DK-400119-015-D	99
DK-590201-020-D	88
DK-590201-050-D	88
DK-610108-018-D	78
DK-610108-030-D	78
DK-610109-020-D	79
DK-610204-020-D	80
DK-610204-030-D	80
DK-610204-050-D	80
DK-610204-100-D	80
DK-617005	216
DK-617006	216
DK-618001	217
DK-618002	217
DK-618003	216
DK-618004	217
DN-14001	225
DN-9001/B5-N	219
DN-9001-N	219
DN-9002/B5-N	219
DN-9002-N	219
DN-9005/B5-N	218
DN-9005-N	218
DN-9006/B5-N	219
DN-9006-N	219
DN-9007-S	218
DN-9008	218
DN-93901	165
DN-93902	167
DN-95405	133

B.02 // Cross Reference Index

NEW // OLD

Please identify according to a comparison of old - and new article numbers, the corresponding unique position in the catalog.

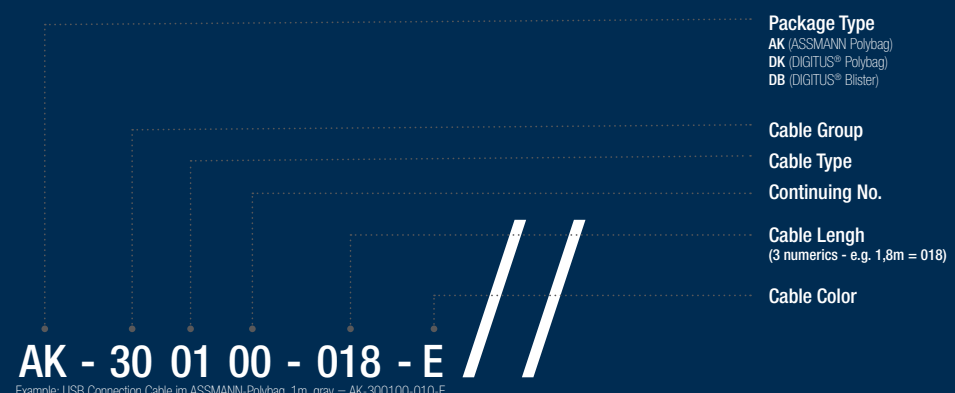
Artikel Nr. // ALT	Artikel Nr.	Seite
AB 543	AK-320504-000-S	50
AB 544	AK-320505-000-S	50
AB 556	AK-330505-000-S	64
AB 557	AK-330504-000-S	63
AB 560	AK-330500-000-S	61
AB 561	AK-330501-000-S	62
AB 566	AK-330506-000-S	65
AB 567	AK-320500-000-S	49
AB 914	AK-610500-000-E	81
AB 914 F	AK-610501-000-E	81
AB NAK	AK-590300-002-E	89
AK 101 1,8M	AK-580100-018-E	114
AK 102 3M	AK-580100-030-E	114
AK 103 5M	AK-580100-050-E	114
AK 108 2M	AK-580101-018-E	114
AK 124 3M	AK-610103-030-E	77
AK 125 2M	AK-610101-020-E	76
AK 127 3M	AK-580101-030-E	114
AK 129 2M	AK-610107-020-E	78
AK 131 2M	AK-610203-020-E	80
AK 132 5M	AK-610203-050-E	80
AK 135 2M	AK-610201-020-E	79
AK 136 5M	AK-610201-050-E	79
AK 137 2M	AK-610104-020-E	77
AK 143 1,8M	AK-610100-018-E	76
AK 143 3M	AK-610100-030-E	76
AK 149 3M	AK-610102-030-E	76
AK 150 3M	AK-580105-030-E	115
AK 152 2M	AK-610106-020-E	78
AK 153 5M	AK-610106-050-E	78
AK 158 5M	AK-580101-050-E	114
AK 160 10M	AK-580101-100-E	114
AK 166 3M	AK-610201-030-E	79
AK 174 3M	AK-610107-030-E	78
AK 178 3M	AK-610203-030-E	80
AK 180 10M	AK-610203-100-E	80
AK 182 3M	AK-610106-030-E	78
AK 186/NEW	AK-610101-030-E	76
AK 230 2M	AK-610202-020-E	80
AK 231 2M	AK-610105-020-E	77
AK 322 2M	AK-310200-018-E	38
AK 3220 1,8M	AK-310201-018-E	38
AK 3220X	AK-310202-018-E	39
AK 3220XF	AK-310203-018-E	39
AK 323/G	AK-590200-020-E	88
AK 331	AK-580300-003-E	110
AK 331	AK-580300-003-E	115
AK 373	AK-310200-030-E	38
AK 3730 3M	AK-310201-030-E	38
AK 3730X	AK-310202-030-E	39
AK 3730XF	AK-310203-030-E	39
AK 374	AK-310200-050-E	38
AK 3740 5M	AK-310201-050-E	38
AK 3740X	AK-310202-050-E	39
AK 3740XF	AK-310203-050-E	39
AK 3750 10M	AK-310201-100-E	38
AK 3750X	AK-310202-100-E	39
AK 3750XF	AK-310203-100-E	39
AK 376	AK-310100-030-E	36
AK 3760 3M	AK-310101-030-E	36
AK 3760X	AK-310102-030-E	37
AK 3760XF	AK-310103-030-E	37
AK 377	AK-310100-050-E	36
AK 3770 5M	AK-310101-050-E	36
AK 3770X	AK-310102-050-E	37
AK 3770XF	AK-310103-050-E	37
AK 3780 10M	AK-310101-100-E	36
AK 3780X	AK-310102-100-E	37
AK 3780XF	AK-310103-100-E	37
AK 3815XF	AK-310103-150-E	37
AK 3820XF	AK-310103-200-E	37
AK 3915XF	AK-310203-150-E	39
AK 3920XF	AK-310203-200-E	39
AK 404 2M	AK-610200-020-E	79
AK 528/G	AK-590200-050-E	88
AK 532 2M	AK-310100-018-E	36
AK 5320 1,8M	AK-310101-018-E	36
AK 5320X	AK-310102-018-E	37
AK 5320XF	AK-310103-018-E	37
AK 553/F	AK-310300-020-S	40
AK 575 0,25M	AK-610300-003-E	81
AK 620N	AK-320100-020-S	44
AK 620N-3	AK-320100-030-S	44
AK 620N-5	AK-320100-050-S	44
AK 621N	AK-320101-020-S	45
AK 621N-3	AK-320101-030-S	45
AK 621N-5	AK-320101-050-S	45
AK 622N	AK-320300-020-S	47
AK 622N-3	AK-320300-030-S	47
AK 622N-5	AK-320300-050-S	47

Artikel Nr. // ALT	Artikel Nr.	Seite
AK 62301	AK-330106-020-S	56
AK 62302	AK-330106-030-S	56
AK 62303	AK-330106-050-S	56
AK 627	AK-330101-020-S	54
AK 627-11	AK-330101-100-S	54
AK 627-3	AK-330101-030-S	54
AK 627-5	AK-330101-050-S	54
AK 639	AK-330300-020-S	57
AK 639-10	AK-330300-100-S	57
AK 639-3	AK-330300-030-S	57
AK 639-5	AK-330300-050-S	57
AK 669-18	AK-300201-018-E	19
AK 669-30	AK-300201-030-E	19
AK 669-50	AK-300201-050-E	19
AK 670	AK-300100-018-S	12
AK 670-1	AK-300100-010-S	12
AK 670-3	AK-300100-030-S	12
AK 670-5	AK-300100-050-S	12
AK 670M	AK-300107-018-S	15
AK 670M-3	AK-300107-030-S	15
AK 670M-5	AK-300107-050-S	15
AK 672	AK-300104-018-E	13
AK 672/(2) ALG	AK-300102-018-E	13
AK 672/2	AK-300105-018-E	14
AK 672/2-3	AK-300105-030-E	14
AK 672/2-5	AK-300105-050-E	14
AK 672/3 ALG	AK-300102-030-E	13
AK 672/AL	AK-300102-018-S	13
AK 672-1	AK-300104-010-E	13
AK 672-3	AK-300104-030-E	13
AK 672-3/AL	AK-300102-030-S	13
AK 672-5	AK-300104-050-E	13
AK 672M-1	AK-300108-010-S	16
AK 672M-2	AK-300108-018-S	16
AK 672M-3	AK-300108-030-S	16
AK 672M-5	AK-300108-050-S	16
AK 673	AK-300106-018-S	15
AK 673-1	AK-300106-010-S	15
AK 67321	AK-300109-018-S	16
AK 67322	AK-300109-030-S	16
AK 67323	AK-300109-050-S	16
AK 674 0.3M	AK-300301-002-E	22
AK 674 0.3M	AK-300301-002-E	108
AK 67401	AK-300111-018-S	17
AK 67402	AK-300111-030-S	17
AK 67403	AK-300111-050-S	17
AK 674-2/10	AK-300304-002-E	22
AK 674-2/10	AK-300304-002-E	108
AK 674-2/4	AK-300302-002-E	22
AK 674-2/4	AK-300302-002-E	108
AK 67421	AK-300110-018-S	17
AK 67422	AK-300110-030-S	17
AK 67423	AK-300110-050-S	17
AK 678 2M	AK-590100-020-E	88
AK 678 3M	AK-590100-030-E	88
AK 679 5M	AK-590100-050-E	88
AK 700/2	AK-300101-018-S	12
AK 700/3	AK-300101-030-S	12
AK 700/5	AK-300101-050-S	12
AK 701/2	AK-300202-018-E	20
AK 701/2 AL	AK-300200-018-S	19
AK 701/2 ALG	AK-300200-018-E	18
AK 701/3	AK-300202-030-E	20
AK 701/3 AL	AK-300200-030-S	19
AK 701/3 ALG	AK-300200-030-E	18
AK 701/5	AK-300202-050-E	20
AK 706 1,8M	AK-580103-018-E	115
AK 711 1,8M	AK-580102-018-E	114
AK PS2	AK-590301-003-E	89
AK PS2	AK-590301-003-E	110
AK-108000	AK-330105-100-S	56
AK-108001	AK-330105-150-S	56
AK-108002	AK-330105-200-S	56
AK-108003	AK-330105-300-S	56
AK-108004	AK-330105-400-S	56
AK-108010	AK-330301-020-S	58
AK-108011	AK-330301-030-S	58
AK-108012	AK-330301-050-S	58
AK-108049	AK-330102-010-S	54
AK-108050	AK-330102-020-S	54
AK-108051	AK-330102-030-S	54
AK-108052	AK-330102-050-S	54
AK-108054	AK-330102-100-S	54
AK-108057	AK-330101-010-S	54
AK-108058	AK-330103-020-S	55
AK-108061	AK-330104-005-S	55
AK-108062	AK-330104-010-S	55
AK-108063	AK-330104-015-S	55
AK-108064	AK-330104-020-S	55
AK-108065	AK-330104-030-S	55

Artikel Nr. // ALT	Artikel Nr.	Seite
AK-108066	AK-330104-050-S	55
AK-110019	AK-320102-020-S	46
AK-110020	AK-320102-030-S	46
AK-110021	AK-320102-050-S	46
AK-110030	AK-320200-020-S	46
AK-110031	AK-320200-030-S	46
AK-110032	AK-320200-050-S	46
AK-110033	AK-320200-100-S	46
AK-112001	AK-300110-010-S	17
AK-112008	AK-300113-010-S	18
AK-125001	AK-400114-005-R	99
AK-135001	AK-340100-010-S	68
AK-135002	AK-340100-020-S	68
AK-135003	AK-340100-030-S	68
AK-135004	AK-340100-050-S	68
AK-135005	AK-340404-001-W	73
AK-1394-18	AK-420101-018-S	92
AK-1394-184	AK-420102-018-S	92
AK-1394-1844	AK-420100-018-S	92
AK-1394-30	AK-420101-030-S	92
AK-1394-50	AK-420101-045-S	92
AK-1394B-106	AK-420105-010-S	93
AK-1394B-18	AK-420103-018-S	93
AK-1394B-184	AK-420104-018-S	93
AK-1394B-186	AK-420105-018-S	93
AK-1394B-306	AK-420105-030-S	93
AK-408002	AK-330503-000-S	63
AK-408003	AK-330502-000-S	62
AK-425001	AK-400500-000-S	101
AK-425002	AK-400501-000-S	101
AK-435001	AK-340602-000-S	70
AK-435002	AK-340603-000-S	71
AK-508001	AK-330400-002-S	58
AK-508002	AK-330401-002-S	59
AK-508003	AK-330402-002-S	59
AK-510001	AK-320400-002-S	48
AK-510002	AK-320401-002-S	48
AK-510003	AK-320402-002-S	48
AK-510004	AK-320403-002-S	49
AK-513001	AK-310400-002-S	40
AK-513002	AK-310401-002-S	41
AK-ESATA-100	AK-400115-010-S	99
AK-ESATA-150	AK-400115-015-S	99
AK-ESATA-SATA100	AK-400116-010-S	100
AK-ESATA-SB1	AK-400116-015-S	100
AK-ESATA-SB1	AK-400204-005-R	100
AK-ESATA-SB1	AK-400204-005-R	109
AK-ESATA-SB2	AK-400205-005-R	101
AK-ESATA-SB2	AK-400205-005-R	109
AK-SATA-030	AK-400100-003-R	96
AK-SATA-030DL	AK-400104-003-R	97
AK-SATA-030-L	AK-400102-003-R	96
AK-SATA-050	AK-400100-005-R	96
AK-SATA-050DL	AK-400104-005-R	97
AK-SATA-050DR	AK-400106-005-R	98
AK-SATA-050-L	AK-400102-005-R	96
AK-SATA-075	AK-400100-008-R	96
AK-SATA-075DL	AK-400104-008-R	97
AK-SATA-075-L	AK-400102-008-R	96
AK-SATA-100	AK-400100-010-R	96
AK-SATA-100-L	AK-400102-010-R	96
AK-SATA-SB2	AK-400203-005-R	100
AK-SATA-SB2	AK-400203-005-R	109
AK-SATA-SP-050	AK-400112-005-R	98
AK-SATA-SP-075	AK-400112-008-R	98
AK-SATA-SP-100	AK-400112-010-R	98
A-USB-1	AK-300500-000-S	23
A-USB-2	AK-300501-000-S	23
A-USB-3	AK-300502-000-S	23
A-USB-4	AK-300503-000-S	24
DB-050711	DB-300201-018-E	19
DB-050711	DB-300201-018-S	19
DB-050728	DB-300201-030-E	19
DB-050728	DB-300201-030-S	19
DB-050735	DB-300201-050-E	19
DB-050735	DB-300201-050-S	19
DB-050773	DB-300104-030-E	13
DB-050773	DB-300104-030-S	14
DB-050780	DB-300104-050-E	13
DB-050780	DB-300104-050-S	14
DB-052692	DB-300503-000-S	23
DB-064497	DB-300100-018-S	12
DB-064503	DB-300104-018-E	13
DB-064503	DB-300104-018-S	14
DB-083030	DB-300107-018-S	15
DB-083672	DB-320504-000-S	50
DB-083689	DB-320505-000-S	50
DB-117797	DB-300105-018-S	14
DB-120865	DB-320100-020-S	44
DB-130239	DB-300101-018-S	12

Artikel Nr. // ALT	Artikel Nr.	Seite
DB-130246	DB-300101-030-S	12
DB-162629	DB-330101-020-S	54
DB-162636	DB-330101-030-S	54
DB-162643	DB-330101-050-S	54
DB-171706	DB-330505-000-S	64
DB-192619	DB-320500-000-S	49
DB-211211	DB-330106-020-S	56
DB-229568	DB-330110-020-D	55
DB-229575	DB-330110-030-D	55
DB-229582	DB-330110-050-D	55
DB-229605	DB-330302-020-D	57
DB-229612	DB-330302-030-D	57
DB-229629	DB-330302-050-D	57
DB-229636	DB-330302-100-D	57
DB-229643	DB-330303-020-D	58
DB-229704	DB-330303-030-D	58
DB-229711	DB-330303-050-D	58
DB-229759	DB-320103-020-D	44
DB-229766	DB-320103-030-D	44
DB-229773	DB-320103-050-D	44
DB-229780	DB-320104-020-D	45
DB-229797	DB-320104-030-D	45
DB-229803	DB-320104-050-D	45
DB-229810	DB-320301-020-D	47
DB-229841	DB-320201-020-D	47
DB-229971	DB-310104-018-D	36
DB-229988	DB-310104-030-D	36
DB-229995	DB-310104-050-D	36
DB-230007	DB-310204-018-D	38
DB-230014	DB-310204-030-D	38
DB-230021	DB-310204-050-D	38
DB-230113	DB-310105-018-D	37
DB-230120	DB-310105-030-D	37
DB-230137	DB-310105-050-D	37
DB-230175	DB-310205-018-D	39
DB-230182	DB-310205-030-D	39
DB-230205	DB-310205-050-D	39
DB-230243	DB-310301-020-D	40
DB-230250	DB-300119-010-D	15
DB-230366	DB-300119-018-D	15
DB-230373	DB-300119-030-D	15
DB-230380	DB-300119-050-D	15
DB-230397	DB-300207-018-D	20
DB-230403	DB-300207-030-D	20
DB-230410	DB-300207-050-D	20
DB-230427	DB-300118-018-D	12
DB-230434	DB-300118-030-D	12
DB-230441	DB-300118-050-D	12
DB-230489	DB-300121-010-D	16
DB-230496	DB-300121-018-D	16
DB-230502	DB-300121-030-D	16
DB-230519	DB-300121-050-D	16
DB-230632	DB-400119-008-D	99
DB-230656	DB-400119-015-D	99
DB-241393	DB-330110-010-D	55
DB-271147	DB-330112-010-D	60
DB-271154	DB-330112-020-D	60
DB-271161	DB-330112-030-D	60
DB-271178	DB-330112-050-D	60
DB-271239	DB-330515-000-D	64
DB-271246	DB-330514-000-D	64
DB-271253	DB-330516-000-D	65
DB-271260	DB-320506-000-D	49
DB-271277	DB-330513-000-D	63
DB-271307	DB-320508-000-D	50
DB-271321	DB-320509-000-D	51
DK-103001	DK-590201-020-D	88
DK-108003	DK-330302-030-D	57
DK-108004	DK-330302-050-D	57
DK-108006	DK-330302-100-D	57
DK-108010	DK-330303-020-D	58
DK-108011	DK-330303-030-D	58
DK-108012	DK-330303-050-D	58
DK-108049	DK-330110-010-D	55
DK-108050	DK-330110-020-D	55
DK-108051	DK-330110-030-D	55
DK-108052	DK-330110-050-D	55
DK-108054	DK-330110-100-D	55
DK-108056	DK-330112-010-D	60
DK-108057	DK-330112-020-D	60
DK-108058	DK-330112-030-D	60
DK-108059	DK-330112-050-D	60
DK-110002	DK-320201-020-D	47
DK-110003	DK-320201-030-D	47
DK-110004	DK-320201-050-D	47
DK-110006	DK-320201-100-D	47
DK-110008	DK-320103-020-D	44
DK-110009	DK-320103-030-D	44
DK-110010	DK-320103-050-D	44
DK-110031	DK-320104-020-D	45

Artikel Nr. // ALT	Artikel Nr.	Seite
DK-110032	DK-320104-030-D	45
DK-110033	DK-320104-050-D	45
DK-110034	DK-320301-020-D	47
DK-110035	DK-320301-030-D	47
DK-110036	DK-320301-050-D	47
DK-112008	DK-300118-010-D	12
DK-112012	DK-300119-018-D	15
DK-112013	DK-300119-030-D	15
DK-112014	DK-300119-050-D	15
DK-112015	DK-300207-018-D	20
DK-112016	DK-300207-030-D	20
DK-112017	DK-300207-050-D	20
DK-112018	DK-300118-018-D	12
DK-112019	DK-300118-030-D	12
DK-112020	DK-300118-050-D	12
DK-112024	DK-300121-010-D	16
DK-112025	DK-300121-018-D	16
DK-112026	DK-300121-030-D	16
DK-112027	DK-300121-050-D	16
DK-112030	DB-300204-015-S	21
DK-113016	DK-610108-018-D	78
DK-113017	DK-610108-030-D	78
DK-113020	DK-610204-020-D	80
DK-113021	DK-610204-030-D	80
DK-113022	DK-610204-050-D	80
DK-113023	DK-610204-100-D	80
DK-113024	DK-610109-020-D	79
DK-113029	DK-310104-018-D	36
DK-113030	DK-310104-030-D	36
DK-113031	DK-310104-050-D	36
DK-113032	DK-310204-018-D	38
DK-113033	DK-310204-030-D	38
DK-113034	DK-310204-050-D	38
DK-113043	DK-310105-018-D	37
DK-113044	DK-310105-030-D	37
DK-113045	DK-310105-050-D	37
DK-113046	DK-310105-100-D	37
DK-113047	DK-310105-150-D	37
DK-113048	DK-310105-200-D	37
DK-113049	DK-310205-018-D	39
DK-113050	DK-310205-030-D	39
DK-113051	DK-310205-050-D	39
DK-113052	DK-310205-100-D	39
DK-113053	DK-310205-150-D	39
DK-113054	DK-310205-200-D	39
DK-113055	DK-310301-020-D	40
DK-126001	DK-400119-008-D	99
DK-126003	DK-400119-015-D	99
DK-408001	DK-330515-000-D	64
DK-408002	DK-330514-000-D	64
DK-408003	DK-330516-000-D	65
DK-408004	DK-320506-000-D	49
DK-408005	DK-330513-000-D	63
DK-408006	DK-330512-000-D	62
DK-410002	DK-320508-000-D	50
DK-410003	DK-320509-000-D	51



Example: USB Connection Cable im ASSMANN-Polybag, 1m, gray = AK-300100-010-E

Art.No.	EAN
A PCMOUNT-KIT1	107712
A PCMOUNT-KIT2	107729
A PCMOUNT-KIT2	107729
AB 410	59837
AB 411	59844
AB 412	59851
AB 413	59868
AB 414	59875
AB 415	59882
AB 418	59899
AB 420	59905
AB 467	59936
AB 468	59943
AB 469	59950
AB 470	59967
AB NM25	49531
AB NM9	49548
AB-AV 100	110095
AB-AV 105	110149
AB-AV 106	110156
AB-AV 108	192084
AB-AV 500	110750
AB-AV 500LC	115601
AB-AV 501	131830
AB-AV 502	131854
A-CABLE MANAGER	61205
ACT-LAN-CT	126096
ACT-LAN-MOD	158745
ACT-LAN-PRO	126089
ACT-LANXPLORER-PRO	302643
ACT-LCS-400	79248
ACT-LM26	179856
ACT-PC-PRO	126782
ACT-PNG60	151548
AK 203 2,5M	62943
AK 203/MM	50056
AK 243	62981
AK 243 10M	3977
AK 243-015	109891
AK 243-025	110224
AK 243-050	110231
AK 244	50063
AK 313	83320
AK 319 0,20M	63117
AK 3620 0,75M	63438
AK 3620-050	78043
AK 390	83290
AK 395	86260
AK 395-50	106142
AK 501 2M	63803
AK 501/DK	4080
AK 501/DK	4080
AK 501-I	4127
AK 501-SCHWEIZ	4141
AK 501-UK 2M	63827
AK 501-USA	63834
AK 502 2,5M	121749
AK 502 2M	63841
AK 502-UK	57307
AK 503 2M	63858
AK 503 5M	73666
AK 504 2,5M	63865
AK 505/Y-G	63872
AK 520 0,2M	63926
AK 521 0,2M	63933
AK 522	83498
AK 524 2M	4257
AK 524/CH	82279
AK 524/UK	81111
AK 524/US	81081
AK 533 2M	64060
AK 535 2M	64077
AK 53P4P	93640
AK 555/Y-G	50551
AK ATX-ADAP	174004
AK ATX-ADAP2	183761
AK ATX-AT	51176
AK ATX-EXT	51183
AK ATX-P4	95996
AK CHMF-015	109990
AK CHMF-025	110002
AK CHMF-050	110019
AK CHMF-100	190271
AK CHMM-015	109945
AK CHMM-025	109952
AK CHMM-50	109969
AK PCI-P6	221241
AK TAE-F03	4455
AK TAE-F06	51558
AK TAE-F10	51572
AK-101002	226840
AK-101008	226864
AK-101022	226895
AK-101028	227274
AK-101030	227298
AK-101036-1	272045
AK-102001	226918
AK-102018	226970
AK-102023	226994
AK-102027	227007
AK-102030	227021
AK-107001	227304
AK-107037	227380
AK-112300	272359
AK-112301	272373
AK-112302	272397
AK-112303	272410
AK-112310	272441
AK-112311	272458
AK-112312	272496
AK-112313	272519
AK-112320	272540
AK-112321	272557
AK-112330	272564
AK-112331	272571
AK-112332	272588
AK-112340	272595
AK-112341	272601
AK-112342	272618
AK-112343	272625
AK-112344	278566
AK-117001	246183
AK-117002	246213
AK-117003	246220
AK-117004	246237
AK-117015	246305
AK-117016	246312
AK-117017	246329
AK-117018	246381
AK-117019	246398
AK-125006	269151
AK-134002	259220
AK-134003	276074
AK-1512-005	203568
AK-1512-010	203575
AK-1512-020	203582
AK-1512-030	203599
AK-1512-050	203605
AK-1512-070	203612
AK-1512-100	203629
AK-1512-150	203636
AK-1512-200	203643
AK-1522-005	203001
AK-1522-010	203018
AK-1522-020	203032
AK-1522-030	203131
AK-1522-050	203124
AK-1522-070	203148
AK-1522-100	203155
AK-1522-150	203162
AK-1522-200	203179
AK-1532-005	204022
AK-1532-005/B	204114
AK-1532-005/G	204206
AK-1532-005/R	204299
AK-1532-005/Y	204381
AK-1532-010	204039
AK-1532-010/B	204121
AK-1532-010/G	204213
AK-1532-010/R	204305
AK-1532-010/Y	204398
AK-1532-020	204046
AK-1532-020/B	204138
AK-1532-020/G	204220
AK-1532-020/R	204312
AK-1532-020/Y	204404
AK-1532-030	204053
AK-1532-030/B	204145
AK-1532-030/G	204237
AK-1532-030/R	204329
AK-1532-030/Y	204411
AK-1532-050	204060
AK-1532-050/B	204152
AK-1532-050/G	204244
AK-1532-050/R	204336
AK-1532-050/Y	204428
AK-1532-070	204077
AK-1532-100	204084
AK-1532-100/B	204176
AK-1532-100/G	204268
AK-1532-100/R	204350
AK-1532-100/Y	204442
AK-1532-150	204091
AK-1532-150/B	204183
AK-1532-150/G	204275
AK-1532-150/R	204367
AK-1532-150/Y	204459
AK-1532-200	204107
AK-1532-200/G	204282
AK-1532-200/R	204374
AK-1532-200/Y	204466
AK-219601	273578
AK-300100-010-S	282549
AK-300100-018-S	282563
AK-300100-030-S	282570
AK-300100-050-S	282587
AK-300101-010-S	283652
AK-300101-018-S	282594
AK-300101-030-S	282600
AK-300101-050-S	282617
AK-300102-010-E	283638
AK-300102-010-S	284819
AK-300102-018-E	282624
AK-300102-018-S	284789
AK-300102-030-E	282631
AK-300102-030-S	284796
AK-300104-010-E	294474
AK-300104-010-S	282693
AK-300104-018-E	294481
AK-300104-018-S	282709
AK-300104-030-E	294498
AK-300104-030-S	282716
AK-300104-050-E	294511
AK-300104-050-S	282723
AK-300105-005-S	299288
AK-300105-010-E	297109
AK-300105-010-S	283669
AK-300105-018-E	297116
AK-300105-018-S	282730
AK-300105-030-E	297123
AK-300105-030-S	282747
AK-300105-050-E	297130
AK-300105-050-S	282754
AK-300106-010-S	282839
AK-300106-018-S	282846
AK-300107-010-S	282853
AK-300107-018-S	282860
AK-300107-030-S	282877
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AK-ATA133-2ROUND	106241
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AK-AV 201	109921
AK-AV 202	109938
AK-AV 400	110217
AK-AV 401	110767
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AKB-1SOK	51848
AKB-2	64725
AKB-2KE	51855
AKB-3	64732
AKB-4KE	51893
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AL-9FPE2000-02I	204848
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A-MO 6/4 SR	57956
A-MO 6/6 SF	65135
A-MO 8/8 HRS	65142
A-MO 8/8 SF	65159
A-MO 8/8 SR	65173
A-MO 8/8 SRS	65180
A-MO6 8/8 HRS	132943
A-MOT 8/8	65197
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A-MOT/E 8/8	65210
A-MOT/G 8/8	65227
A-MOT/R 8/8	65234
A-MOT/Y 8/8	65241
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AT-35024	82163
AT-A 6/6	66552
AT-A 8/8	66569
AT-AG 2X8/8	66576
AT-AG CX2	66590
AT-AG CX2NEW	52364
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AT-AG6 8/8CROSS	132813
AT-ALSA6-M	132837
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AT-K 1803 100M	66781
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Art.No.	EAN
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