

DIGITUS[®]

Professional

FIBER OPTIC





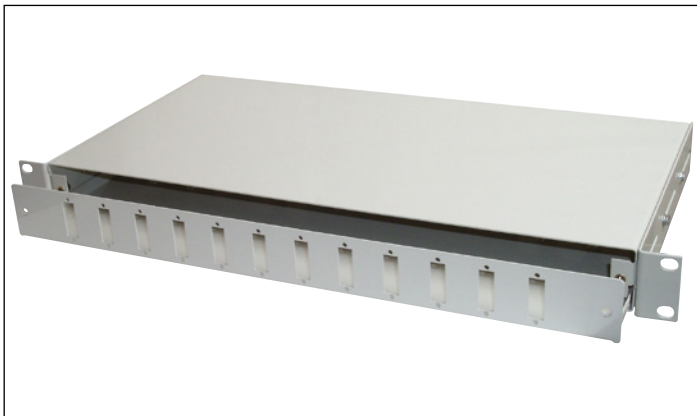
DIGITUS® Fiber Optic Components

In times of globalization the network infrastructures are continuously growing. Already today it can be said that a multimedia world is existing in form of the merging of TV, telephone, and the web via the IP protocol. With the growing requirements in respect to data volume and bandwidth the demand for more resources with maximum availability is increasing constantly.

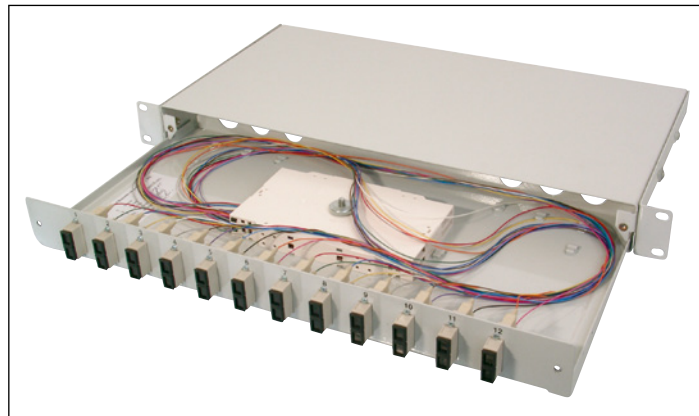
The fiber optic technology which could meet those increasing requirements is constantly getting more complex and therefore more sensitive to processing errors and failures. For this reason you need a powerful and reliable partner who focuses on customer satisfaction in order to fulfill the individual customer's requirements. DIGITUS® Professional provides customized system solutions of the

highest quality which meet even the most complex requirements. Our competence in the fields of product solutions and service quality guarantee 100% confidence with which one can plan. The product range will fulfill all your expectations in respect to build quality, easy installation, and features.

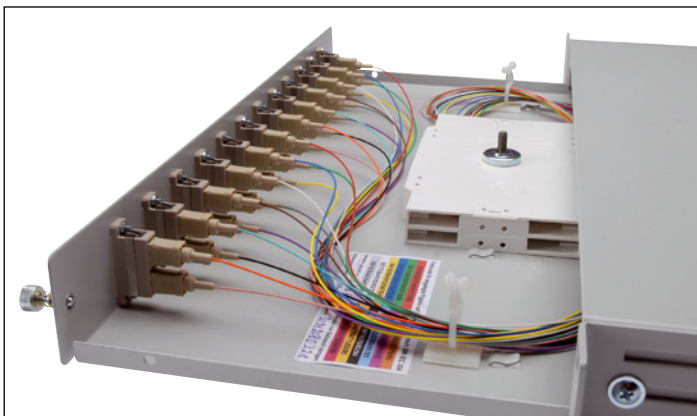
We at DIGITUS® Professional with many years of experience in system technology stand for longevity, high quality standards, and system security. Our range of optical fiber products includes all necessary areas for the successful configuration of the infrastructure: splice boxes, patch cables, installation cables, adapters, pigtails, breakout cables and accessories.



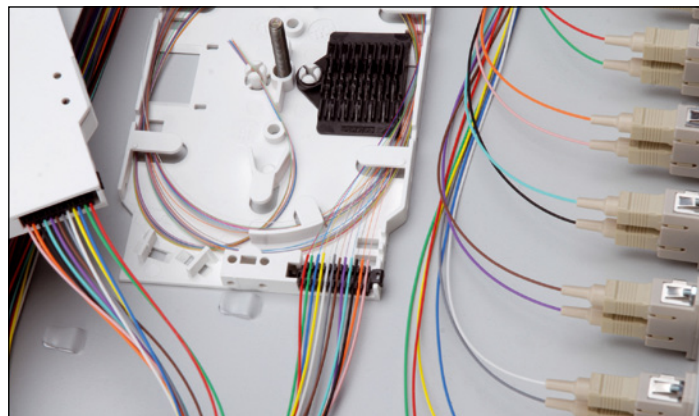
Not equipped, partially equipped, or fully equipped: The DIGITUS® Professional splice boxes can be assembled according to individual requirements.



The extendable splice boxes are marked by their high flexibility. A fast access is guaranteed.



The handling of optical fibers needs greatest diligence and care. The extremely sensitive components are exclusively processed by qualified specialists.



During the assembly process the fiber pigtails are stripped off and inserted into the splice cassettes.

DIGITUS® Splice Boxes

Splice boxes (not equipped, partially equipped, and fully equipped)

The splice boxes designed by DIGITUS® Professional fulfill and exceed the valid international standards for optical fiber cabling.

Our production and assembly facilities use state-of-the-art technology in order to meet the highest quality standards and in order to provide the opportunity to process customer requests immediately and as flexible as possible. Only qualified personnel performs the pre-assembly for our customers.

Prior to the delivery every single product is tested extensively.

The mechanical assembly and also the quality of the connector end faces are tested with microscopic and interferometric test procedures according to international standards.

The proper functioning of the splice boxes on the customer site can be guaranteed due to this extensive testing.

In order to ensure a fast and clean installation at the final assembly we only use semi-loose dry compact design pigtails.

We assemble splice boxes according to customer requests:

Depending on the request they will be partially equipped, fully equipped or not equipped. The selection of the fiber quality among OM3, OM2, OM1, or OS1 and of the necessary connector types is up to you.

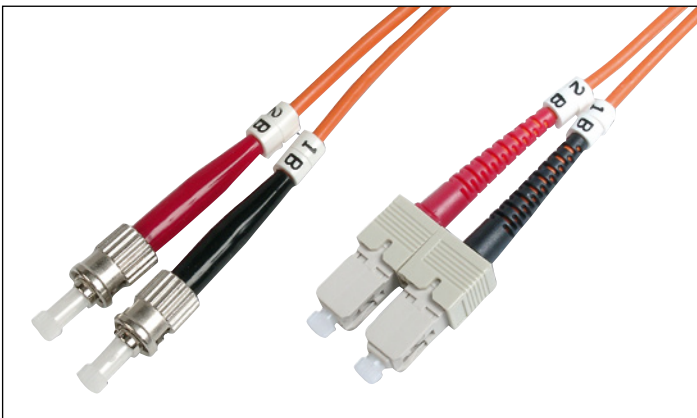
The connectors LC, SC, ST, E2000 are always available.



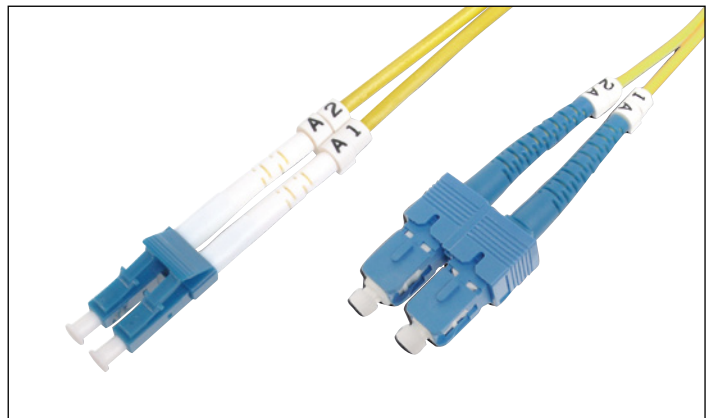
The product range of DIGITUS® Professional also provides wall-mount splice boxes suitable for industrial use.



Optical fiber patch cable, LC/SC, class OM3 multimode



Optical fiber patch cable, ST/SC connector, class OM2 multimode



Optical fiber patch cable, LC/SC connector, class OS1 single mode

DIGITUS® Patch Cable

DIGITUS® Professional offers a wide range of high quality products of constantly available fiber optic patch cables. Practically every request and every requirement is covered by the broad range of connector types and fiber qualities.

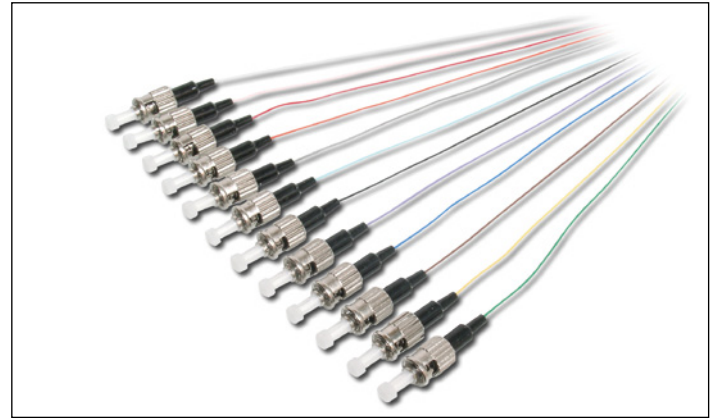
In the DIGITUS® Professional product range you will find the suitable cable for every application. The broad range, deliverable ex warehouse in Lüdenscheid includes

the connector types ST, SC, and LC. All connector types are available in the lengths 1 to 10 meters. There are many optional fiber types available, OM1, OM2, OM3, and OS1.

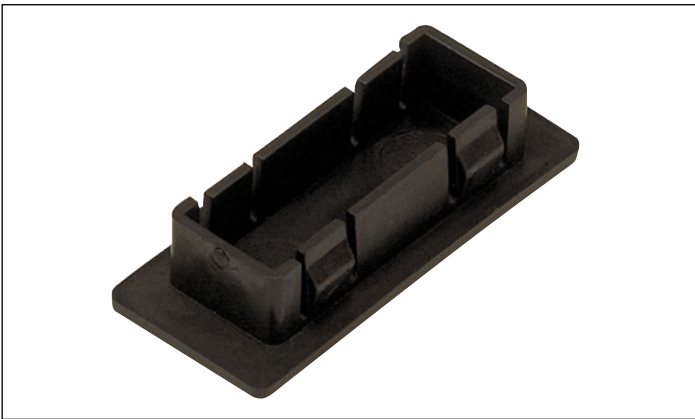
Every cable is individually tested after the assembly and is delivered with the test report. We would like to discuss your individual cable requests with you in order to realize them within the shortest time.



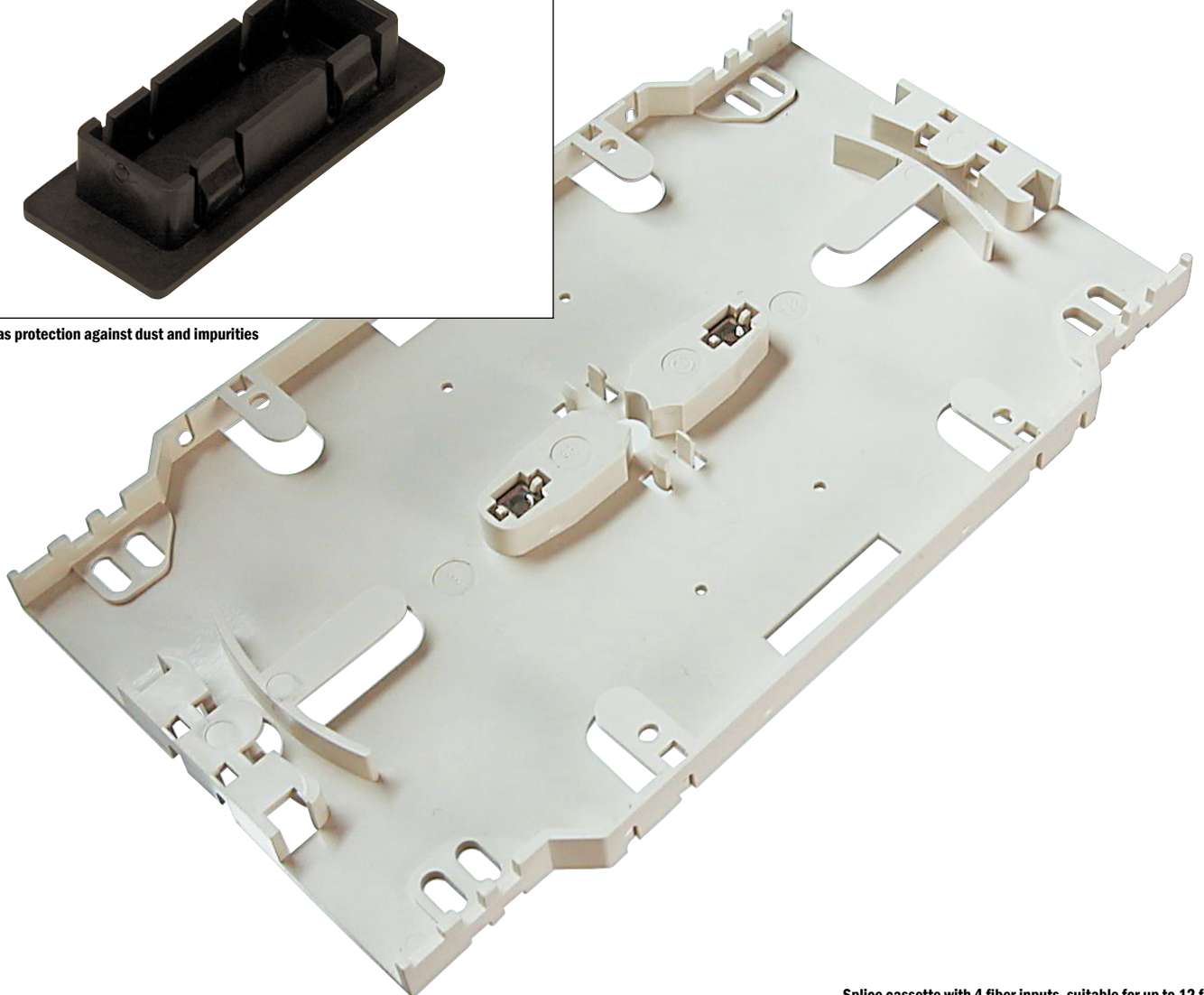
Splicing comb with splice protection



Fiber pigtails, color coded



Blind plug, as protection against dust and impurities



Splice cassette with 4 fiber inputs, suitable for up to 12 fibers

DIGITUS® Pigtails & Accessories

Within the framework of optical fiber installations there exist many accessories which are necessary for a successful mounting. DIGITUS® Professional offers a well established range of products for all eventualities which comprises all accessories necessary for a complete cable system installation.

From pigtails with different connector types and fiber qualities to couplings and connectors either of phosphor bronze or ceramics type DIGITUS® Professional provides them all. Furthermore, DIGITUS® Professional supplies splice cassettes, cassette covers, splicing combs, splice protectors, blind plugs and many more accessories.

DIGITUS® Break-Out Cable

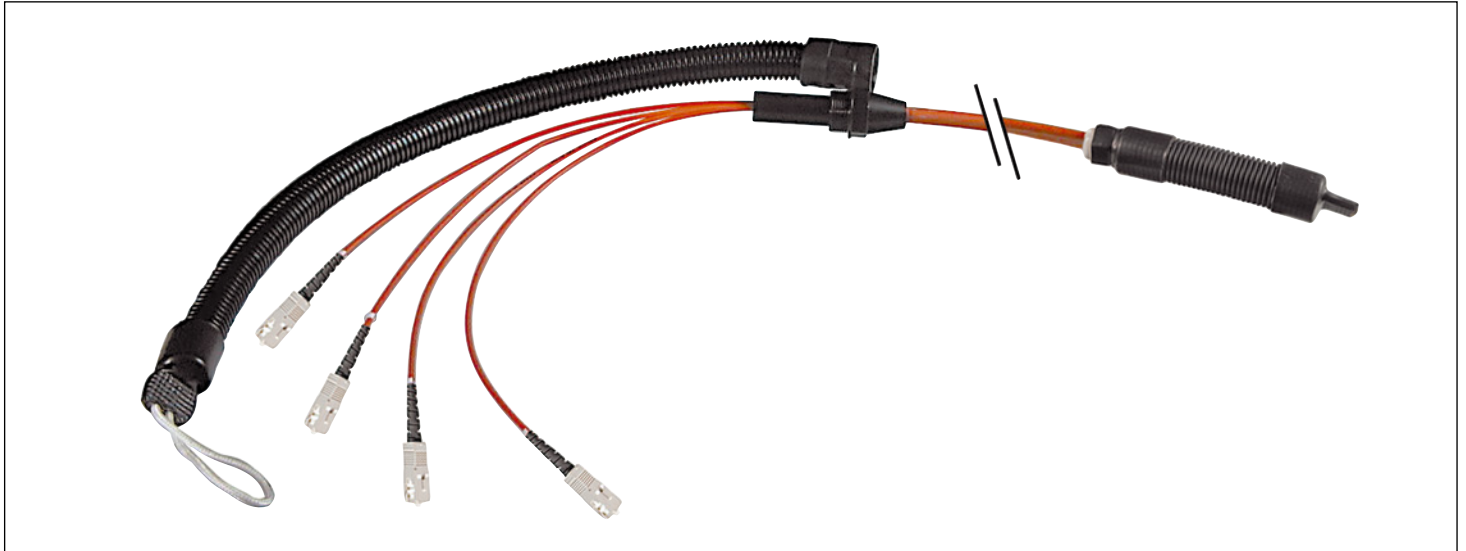
Break-Out cables from DIGITUS® Professional are optical fiber cables which can be built according to customer requests.

After the receipt of your order the cable is manufactured in the required length and with the requested connectors, therefore the engineer saves a lot of time due to this preassembly as they do not need any further trimming.

The installation is no longer reserved to experts!

As protection during the installation process the cables are equipped with a protective cap and a feeding device to facilitate the installation even more.

There is no limit of the selection of cables, all standard connector types, fiber qualities and lengths can be ordered according to individual demands.



The cables which are pre-assembled in the laboratory, reach excellent measuring results. The feeding device and the protective cap allow an easy and protected installation.

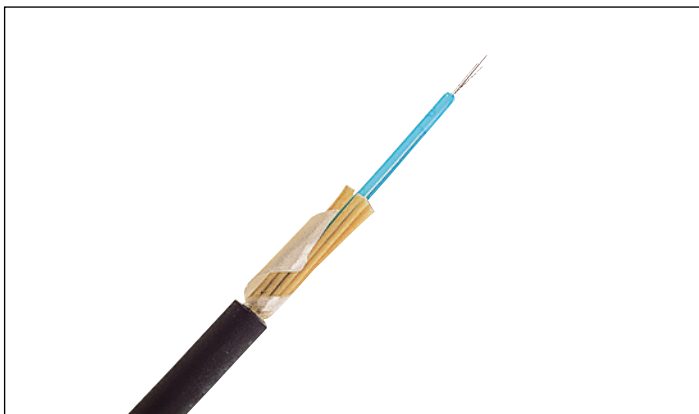
DIGITUS® Installation Cable

For the professional installation of optical fiber cables DIGITUS® Professional offers a wide range of different types of installation cables. The DIGITUS® Professional product range supplies all cable types, whether with 4, 8, 12, or 24 fibers or in different qualities as OM1, OM2, OM3, and OS1.

The halogen-free installation cables comply with the fire protection regulations for buildings.

These can be installed in indoor and outdoor areas. For the exclusive outdoor installation cables with PE sheathing are used.

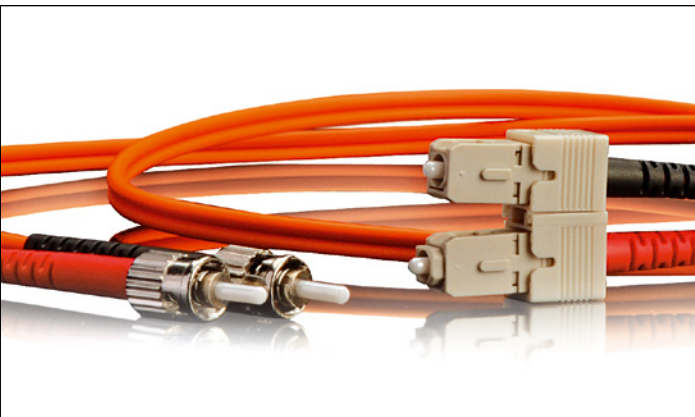
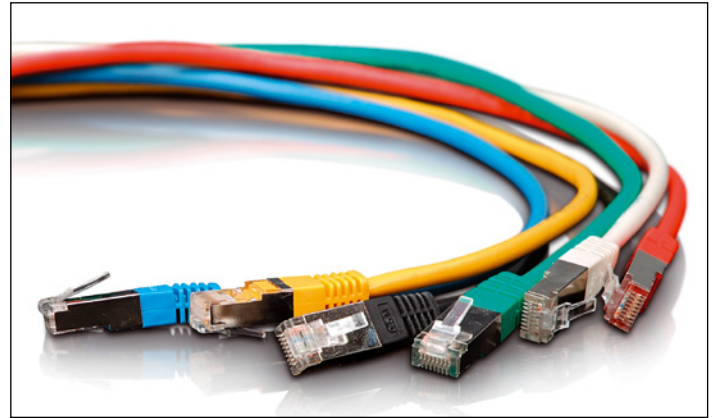
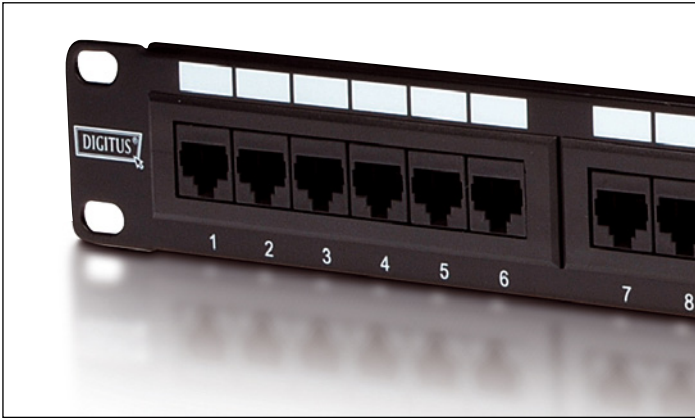
We only work together with the best fiber suppliers; therefore the DIGITUS® Professional cables guarantee highest performance and reliability.



DIGITUS® Professional universal installation cable are equipped with a halogen-free sheathing. Cable for outdoor use are supplied with a PE sheathing.



The product range provides cable with 4, 8, 12, and 24 fibers and includes the fiber qualities OM1, OM2, OM3, and OS1.



Have a close look!

In integrated systems and infrastructures quality and compatibility are of highest importance - we stand up to any extensive testing -check it for yourself.

DIGITUS® Professional defines a clear-cut benchmark for professional applications in facility management (security and surveillance), from system integration to data centers.

The professional datacom products are suitable for the hard and continuous use in data processing centers and in middle-sized up to large IT infrastructures.

Our KVM consoles and 19" switches are only a little part of our product range which is constantly upgraded and certified. In the professional network field we offer from high quality and

durable Ethernet copper cables, optical fiber cables, electrical cables, and patch panels up to network and server cabinets (10" and 19") everything what is necessary today and in the future for a professional and integrated networking. Active network components are equally as important as is the IP camera technology and the necessary interface solutions.

Despite the international standards our comprehensive product range facilitates the full compatibility of the entire product portfolio. We supply you with completely inspected, tested, and perfectly compatible technology.



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