

DIGITUS[®] offers the complete range of fibre optic components

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Fibre optic components and cables are used in communications technology for transferring information over long distances with a high bandwidth. Single mode fibre optics can bridge distances of up to 30 km without signal amplification.

Fibre optic cables are used nowadays in data transmission networks with practically every network standard. The Fiber Distributed Data Interface (FDDI) is used, for example as a standard for local computer networks based on fibre optic cables. Fibre optic cables are an enormous improvement in long range transmission networks, especially as intercontinental marine cables. The control of data traffic via a fibre optic cable is defined in the HFC standards.

The development of fibre optic networks for private connections has been promoted in the last few years, especially in Japan, the USA, Italy and in Scandinavia. Buildings are connected directly to fibre optic cables there. This procedure is summarized under the term Fiber To The Home (FTTH). One two fibre optic cables are laid per building in this type of construction. If two fibre optic cables are laid, one is used for the download and the other for the upload. If only one fibre cable is laid, the download runs at a wavelength of 1310 nm, while upload takes place at 1550 nm.

Fibre optic cables in long range transmission networks (networks covering the whole of Germany, oceanic networks, for example) are operated with the DWDM procedure which facilitates huge transmission capacity.

DIGITUS[®] Professional offers its customers the entire range of fibre optic components, starting with patch and laying cables with the various fibre optic cores, pigtailed, couplings and push-on connectors, splice boxes and finishing with accessories. "We allow our customers to create a network as modern as possibly with materials from one source". says Mehmet Kalle, Business Development Manager at DIGITUS[®].

Dealers can obtain further information from www.digitus.info. DIGITUS[®] products can be purchased by dealers from the usual distributors.

High-resolution photo and image material on this press release and information and photos on the company ASSMANN Electronic GmbH are available for downloading from the following web address:

www.assmann.com/index.php?id=322&L=3

Brief company profile

ASSMANN Electronic GmbH was founded in 1969 in Lüdenscheid/Germany as a manufacturer of connectors and adapters for internal and external computer cables.

With his own branches in Austria, France, Sweden, Croatia, Slovenia, Poland, Mexico, USA, China and Taiwan, this

ISO-certified specialist in computer accessories and network solutions today supplies IT distributors and key accounts worldwide. The major part of the product range consists of the DIGITUS® brand range. Active and passive network components, KVMs, USB and Firewire products, cables, adapters and connectors, (S)ATA/SCSI products, peripherals, notebook, PDA, computer and multimedia accessories are supplied both for private consumers and professional users. The DIGITUS® brand was introduced in 1994, and is now well-known in many markets for its “Best Value for Money” quality. (61)

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