DIGITUS® Fast Ethernet Media Converter, RJ45 / ST

DN-82010-1

EAN 4016032293088



Fast Ethernet Media Converter, Multimode ST connector, 1310nm, up to 2km

The Media Converters from DIGITUS are the ideal solution for the migration of Copper and Fiber Network Signals. From now on, you are able to access the Fiber Technology and transfer network signals over several kilometers without renewing your whole Network Infrastructure. The huge variety of Products fulfil your individual needs. The intiutive operation guarantees a quick and easy Installation. The Link Fault Pass Through function offers a no-fear-networking. Your Network Administrator will be able to find and solve Network problems easily. Years of Experience and a wide range of products lets DIGITUS become a reliable Partner for your Network.

The perfect converter solution for various fiber media

- Converts wire-based network signals into fiber optic signals
- High quality and maximum reliability
- 10/100Base-TX to 100Base-FX
- Connections: 1x RJ45, 1x ST Duplex
- Range: up to 2 km
- Wavelength: 1310 nm
- Multimode dual fiber
- Automatic cable detection - Auto MDI / MDI-X function
- Auto-detection of full and half-duplex
- Diagnostic LEDs for status and activity monitoring
- Link Fault Pass Through (LFP) function for simple fault detection
- Suitable for 50/125µm and 62.5/125µm fiber optic cables
- Transmission power: minimum -22 dBm, maximum -12 dBm
- Reception sensitivity: Minimum -30 dBm
- Supported standards: IEEE 802.3 Ethernet, IEEE 802.3u Fast Ethernet
- 128kB data buffer
- Operating temperature: 0 to 55°C
- Dimensions (L x W x H): 95mm x 70mm x 26mm
- Weight: 200 g
- Standalone converter with external power supply unit
- Input voltage: 5V DC
- Max. Current consumption: 800mA
- Power consumption: 21.5W

Attributes

- Connector 1: RJ45
- Connector 2: ST
- Mode: Multimode
- Distance (km): 2
- Industrial usage: no
- Broadcasting Mode: Unidirectional
- PoE injector: no
- Ethernet speed: Fast Ethernet

Package contents

- Media Converter
- Quick installation guide
- Power adapter

Logistics

	Number (pcs)	Weight (kg)	Depth (cm)	Width (cm)	Height (cm)	cm³
Packaging Unit Carton	20	10.00	30.00	27.00	55.00	44.55
Packaging Unit Inside	1	0.50	6.00	21.60	16.10	2,086.56
Packaging Unit Single	1	0.50	6.00	21.60	16.10	2,086.56
Net single without Packaging	0	0.18	12.00	7.00	2.60	218.40

Druckfehler, Irrtümer und technische Änderungen sind vorbehalten. | Printing errors, falsities and technical changes remain reserved.

More images:











Safety notes

- Avoid direct contact with light sources: Fiber optic cables, especially those with active light sources such as lasers (e.g. in optical communication systems), can emit dangerous radiation that can damage
- eyes. Take care never to look directly into the light of an optical fiber, even if the light source is invisible to the naked eye.
- When working with fiber optic cables, especially during tests or when working with lasers, protective goggles should always be worn to protect against harmful radiation.
- When plugging and unplugging the cable, only grasp the plug and do not pull directly on the cable.
- Do not kink or crush: Fiber optic cables are sensitive to mechanical stress.
- To protect cables from physical damage, they should be laid in special ducts or with protective materials
- Keep cable connectors clean: Fiber optic cables are sensitive to dust and dirt. Even small particles on the connectors can severely impair the signal quality.
- Cables should not be used in environments with extremely high or very low temperatures. Observe the product information on the maximum operating temperature of the cable
- Check cables regularly for visible damage such as cracks, kinks or signs of wear. Defective cables should be replaced immediately.

EU responsible person

EU based economic operator ensuring the product complies with the required regulations.

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