

DIGITUS Bidirectional Gigabit Media Converter, RJ45 / SC

DN-82123

EAN 4016032307976



DIGITUS Media Converter, Singlemode, BiDi, WDM - B Gigabit Ethernet, Tx1550nm / Rx1310nm

The media converters from DIGITUS® are the ideal solution for the migration of copper and fiber network signals. From now on, you are able to access the fiber technology and transfer network signals over several kilometers without renewing your whole network infrastructure. The huge variety of products fulfil your individual needs. The intuitive operation guarantees a quick and easy installation.

The perfect converter solution for various fiber media

- Transforms wire based network media to fiber optic
- High quality and excellent reliability
- 10/100/1000Base-TX to 1000Base-LX
- Connectors: 1x RJ45, 1x SC Simplex
- Distance up to 20km
- Wavelength: Tx 1550nm / Rx 1310nm
- Singlemode Single Fiber
- Automatic cable detection - auto MDI / MDI-X function
- Auto-negotiation of full- and half-duplex
- Diagnostic and monitoring LEDs for the status of power, link and act of the ports
- Link Fault Pass Through (LFP) function for easier network maintenance
- Suitable for 9/125µm Fiber Cables

- Supported Standards: IEEE 802.3 Ethernet, IEEE 802.3u Fast Ethernet, IEEE 802.3z Gigabit Ethernet
- 2MB Data Buffer
- Operating Temperature: 0 to 60°C
- Dimensions (L x W x H): 95mm x 70mm x 26mm
- Weight: 200g
- Standalone Converter with external power supply
- Input Supply Voltage: 5V DC
- Max. Current: 800mA
- Power Consumption: 2.5W
- Suitable Converter for Opposite Side: DN-82122

Attributes

- Konektor 1: RJ45
- Konektor 2: SC
- Mod: Jednomodni
- Udaljenost (km): 20
- Industrijska uporaba: Ne
- Način emitiranja: Dvosmjerno
- PoE injektor: Ne
- Ethernet brzina: Gigabit

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	9.00	30.00	27.00	55.00	44.55
Packaging Unit Inside	1	0.45	5.50	13.00	24.00	1,716.00
Packaging Unit Single	1	0.45	5.50	13.00	24.00	1,716.00
Net single without Packaging	0	0.00	2.60	7.00	9.50	172.90

The image displays a variety of network and power adapters. The top row shows three small black adapters. The first two have a BNC connector (TX), two green LEDs (Link/Act, TX/RX), two green LEDs (SD, FP), two green LEDs (TP, COL), and an RJ45 port (UTP). The third has a DC 5V input, a BNC connector, and an RJ45 port. The bottom row shows two larger black adapters, both with a DC 5V input, a BNC connector, and an RJ45 port. The bottom right corner features a table titled 'Media Converter' listing various models and their specifications.

Model Number	Model Name	Speed	Connector	Protocol	Media Type	Max. Length	Max. Power	Max. Temp.	Max. Humidity	Max. Altitude
MC-1000-1	10/100Mbps	10/100Mbps	BNC	10/100Mbps	Coaxial	100m	5W	0~50°C	10~90%	10000ft
MC-1000-2	10/100Mbps	10/100Mbps	BNC	10/100Mbps	Coaxial	100m	5W	0~50°C	10~90%	10000ft
MC-1000-3	10/100Mbps	10/100Mbps	BNC	10/100Mbps	Coaxial	100m	5W	0~50°C	10~90%	10000ft
MC-1000-4	10/100Mbps	10/100Mbps	BNC	10/100Mbps	Coaxial	100m	5W	0~50°C	10~90%	10000ft
MC-1000-5	10/100Mbps	10/100Mbps	BNC	10/100Mbps	Coaxial	100m	5W	0~50°C	10~90%	10000ft
MC-1000-6	10/100Mbps	10/100Mbps	BNC	10/100Mbps	Coaxial	100m	5W	0~50°C	10~90%	10000ft
MC-1000-7	10/100Mbps	10/100Mbps	BNC	10/100Mbps	Coaxial	100m	5W	0~50°C	10~90%	10000ft
MC-1000-8	10/100Mbps	10/100Mbps	BNC	10/100Mbps	Coaxial	100m	5W	0~50°C	10~90%	10000ft
MC-1000-9	10/100Mbps	10/100Mbps	BNC	10/100Mbps	Coaxial	100m	5W	0~50°C	10~90%	10000ft
MC-1000-10	10/100Mbps	10/100Mbps	BNC	10/100Mbps	Coaxial	100m	5W	0~50°C	10~90%	10000ft
MC-1000-11	10/100Mbps	10/100Mbps	BNC	10/100Mbps	Coaxial	100m	5W	0~50°C	10~90%	10000ft
MC-1000-12	10/100Mbps	10/100Mbps	BNC	10/100Mbps	Coaxial	100m	5W	0~50°C	10~90%	10000ft
MC-1000-13	10/100Mbps	10/100Mbps	BNC	10/100Mbps	Coaxial	100m	5W	0~50°C	10~90%	10000ft
MC-1000-14	10/100Mbps	10/100Mbps	BNC	10/100Mbps	Coaxial	100m	5W	0~50°C	10~90%	10000ft
MC-1000-15	10/100Mbps	10/100Mbps	BNC	10/100Mbps	Coaxial	100m	5W	0~50°C	10~90%	10000ft
MC-1000-16	10/100Mbps	10/100Mbps	BNC	10/100Mbps	Coaxial	100m	5W	0~50°C	10~90%	10000ft
MC-1000-17	10/100Mbps	10/100Mbps	BNC	10/100Mbps	Coaxial	100m	5W	0~50°C	10~90%	10000ft
MC-1000-18	10/100Mbps	10/100Mbps	BNC	10/100Mbps	Coaxial	100m	5W	0~50°C	10~90%	10000ft
MC-1000-19	10/100Mbps	10/100Mbps	BNC	10/100Mbps	Coaxial	100m	5W	0~50°C	10~90%	10000ft
MC-1000-20	10/100Mbps	10/100Mbps	BNC	10/100Mbps	Coaxial	100m	5W	0~50°C	10~90%	10000ft
MC-1000-21	10/100Mbps	10/100Mbps	BNC	10/100Mbps	Coaxial	100m	5W	0~50°C	10~90%	10000ft
MC-1000-22	10/100Mbps	10/100Mbps	BNC	10/100Mbps	Coaxial	100m	5W	0~50°C	10~90%	10000ft
MC-1000-23	10/100Mbps	10/100Mbps	BNC	10/100Mbps	Coaxial	100m	5W	0~50°C	10~90%	10000ft
MC-1000-24	10/100Mbps	10/100Mbps	BNC	10/100Mbps	Coaxial	100m	5W	0~50°C	10~90%	10000ft
MC-1000-25	10/100Mbps	10/100Mbps	BNC	10/100Mbps	Coaxial	100m	5W	0~50°C	10~90%	10000ft
MC-1000-26	10/100Mbps	10/100Mbps	BNC	10/100Mbps	Coaxial	100m	5W	0~50°C	10~90%	10000ft
MC-1000-27	10/100Mbps	10/100Mbps	BNC	10/100Mbps	Coaxial	100m	5W	0~50°C	10~90%	10000ft
MC-1000-28	10/100Mbps	10/100Mbps	BNC	10/100Mbps	Coaxial	100m	5W	0~50°C	10~90%	10

- 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

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