

DIGITUS Fast Ethernet Media Converter, RJ45 / SC

DN-82021-1
EAN 4016032293101



Fast Ethernet Media Converter, Singlemode SC connector, 1310nm, up to 20km

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 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

- Transforms wire based network media to fiber optic
- High quality and excellent reliability
- 10/100Base-TX to 100Base-FX
- Connectors: 1x RJ45, 1x SC duplex
- Distance up to 20km
- Wavelength: 1310nm
- Singlemode Dual 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
- Transmission Power: Minimum -15 dBm, Maximum -8 dBm
- Sensitivity Receiving Power: Minimum -38 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: 200g
- Standalone Converter with external power supply
- Input Supply Voltage: 5V DC
- Max. Current: 800mA
- Power Consumption: 2.5W

Attributes

- Connector 1: RJ45
- Connector 2: SC
- Mode: Singlemode
- Distance (km): 20
- Industrial usage: no
- Broadcasting Mode: Unidirectional
- PoE injector: no
- Ethernet speed: Fast Ethernet

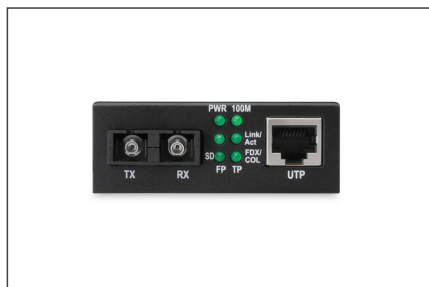
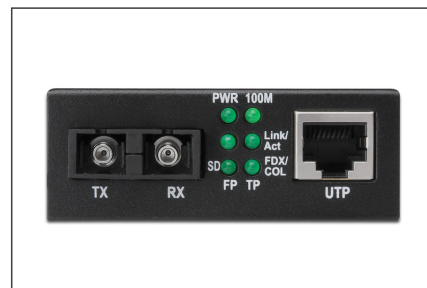
Package contents

- Media Converter
- Quick installation guide
- Power adapter

Logistics

	Number (pcs)	Weight (kg)	Depth (cm)	Width (cm)	Height (cm)	cm ³
Packaging Unit Carton	20	9.00	30.00	27.00	55.00	44,550.00
Packaging Unit Inside	1	0.45	6.00	21.60	16.10	2,086.56
Packaging Unit Single	1	0.45	6.00	21.60	16.10	2,086.56
Net single without Packaging	1	0.18	12.00	7.00	2.60	0.00

More images:



Model Number	Port 1	Port 2	Connector	Distance	Medium	Max. Speed	Standby Temperature	Operating Temperature
DM-0001	10/100Mbps	10/100Mbps	ST Multimode OM3	300m	Fiber	10/100Mbps	-40°C to 75°C	-40°C to 75°C
DM-0002	10/100Mbps	10/100Mbps	ST Multimode OM3	300m	Fiber	10/100Mbps	-40°C to 75°C	-40°C to 75°C
DM-0003	10/100Mbps	10/100Mbps	ST Multimode OM3	300m	Fiber	10/100Mbps	-40°C to 75°C	-40°C to 75°C
DM-0004	10/100Mbps	10/100Mbps	ST Multimode OM3	300m	Fiber	10/100Mbps	-40°C to 75°C	-40°C to 75°C
DM-0005	10/100Mbps	10/100Mbps	ST Multimode OM3	300m	Fiber	10/100Mbps	-40°C to 75°C	-40°C to 75°C
DM-0006	10/100Mbps	10/100Mbps	ST Multimode OM3	300m	Fiber	10/100Mbps	-40°C to 75°C	-40°C to 75°C
DM-0007	10/100Mbps	10/100Mbps	ST Multimode OM3	300m	Fiber	10/100Mbps	-40°C to 75°C	-40°C to 75°C
DM-0008	10/100Mbps	10/100Mbps	ST Multimode OM3	300m	Fiber	10/100Mbps	-40°C to 75°C	-40°C to 75°C
DM-0009	10/100Mbps	10/100Mbps	ST Multimode OM3	300m	Fiber	10/100Mbps	-40°C to 75°C	-40°C to 75°C
DM-0010	10/100Mbps	10/100Mbps	ST Multimode OM3	300m	Fiber	10/100Mbps	-40°C to 75°C	-40°C to 75°C
DM-0011	10/100Mbps	10/100Mbps	ST Multimode OM3	300m	Fiber	10/100Mbps	-40°C to 75°C	-40°C to 75°C
DM-0012	10/100Mbps	10/100Mbps	ST Multimode OM3	300m	Fiber	10/100Mbps	-40°C to 75°C	-40°C to 75°C
DM-0013	10/100Mbps	10/100Mbps	ST Multimode OM3	300m	Fiber	10/100Mbps	-40°C to 75°C	-40°C to 75°C
DM-0014	10/100Mbps	10/100Mbps	ST Multimode OM3	300m	Fiber	10/100Mbps	-40°C to 75°C	-40°C to 75°C
DM-0015	10/100Mbps	10/100Mbps	ST Multimode OM3	300m	Fiber	10/100Mbps	-40°C to 75°C	-40°C to 75°C
DM-0016	10/100Mbps	10/100Mbps	ST Multimode OM3	300m	Fiber	10/100Mbps	-40°C to 75°C	-40°C to 75°C
DM-0017	10/100Mbps	10/100Mbps	ST Multimode OM3	300m	Fiber	10/100Mbps	-40°C to 75°C	-40°C to 75°C
DM-0018	10/100Mbps	10/100Mbps	ST Multimode OM3	300m	Fiber	10/100Mbps	-40°C to 75°C	-40°C to 75°C
DM-0019	10/100Mbps	10/100Mbps	ST Multimode OM3	300m	Fiber	10/100Mbps	-40°C to 75°C	-40°C to 75°C
DM-0020	10/100Mbps	10/100Mbps	ST Multimode OM3	300m	Fiber	10/100Mbps	-40°C to 75°C	-40°C to 75°C
DM-0021	10/100Mbps	10/100Mbps	ST Multimode OM3	300m	Fiber	10/100Mbps	-40°C to 75°C	-40°C to 75°C
DM-0022	10/100Mbps	10/100Mbps	ST Multimode OM3	300m	Fiber	10/100Mbps	-40°C to 75°C	-40°C to 75°C
DM-0023	10/100Mbps	10/100Mbps	ST Multimode OM3	300m	Fiber	10/100Mbps	-40°C to 75°C	-40°C to 75°C
DM-0024	10/100Mbps	10/100Mbps	ST Multimode OM3	300m	Fiber	10/100Mbps	-40°C to 75°C	-40°C to 75°C
DM-0025	10/100Mbps	10/100Mbps	ST Multimode OM3	300m	Fiber	10/100Mbps	-40°C to 75°C	-40°C to 75°C
DM-0026	10/100Mbps	10/100Mbps	ST Multimode OM3	300m	Fiber	10/100Mbps	-40°C to 75°C	-40°C to 75°C
DM-0027	10/100Mbps	10/100Mbps	ST Multimode OM3	300m	Fiber	10/100Mbps	-40°C to 75°C	-40°C to 75°C
DM-0028	10/100Mbps	10/100Mbps	ST Multimode OM3	300m	Fiber	10/100Mbps	-40°C to 75°C	-40°C to 75°C
DM-0029	10/100Mbps	10/100Mbps	ST Multimode OM3	300m	Fiber	10/100Mbps	-40°C to 75°C	-40°C to 75°C
DM-0030	10/100Mbps	10/100Mbps	ST Multimode OM3	300m	Fiber	10/100Mbps	-40°C to 75°C	-40°C to 75°C
DM-0031	10/100Mbps	10/100Mbps	ST Multimode OM3	300m	Fiber	10/100Mbps	-40°C to 75°C	-40°C to 75°C
DM-0032	10/100Mbps	10/100Mbps	ST Multimode OM3	300m	Fiber	10/100Mbps	-40°C to 75°C	-40°C to 75°C
DM-0033	10/100Mbps	10/100Mbps	ST Multimode OM3	300m	Fiber	10/100Mbps	-40°C to 75°C	-40°C to 75°C
DM-0034	10/100Mbps	10/100Mbps	ST Multimode OM3	300m	Fiber	10/100Mbps	-40°C to 75°C	-40°C to 75°C
DM-0035	10/100Mbps	10/100Mbps	ST Multimode OM3	300m	Fiber	10/100Mbps	-40°C to 75°C	-40°C to 75°C
DM-0036	10/100Mbps	10/100Mbps	ST Multimode OM3	300m	Fiber	10/100Mbps	-40°C to 75°C	-40°C to 75°C
DM-0037	10/100Mbps	10/100Mbps	ST Multimode OM3	300m	Fiber	10/100Mbps	-40°C to 75°C	-40°C to 75°C
DM-0038	10/100Mbps	10/100Mbps	ST Multimode OM3	300m	Fiber	10/100Mbps	-40°C to 75°C	-40°C to 75°C
DM-0039	10/100Mbps	10/100Mbps	ST Multimode OM3	300m	Fiber	10/100Mbps	-40°C to 75°C	-40°C to 75°C
DM-0040	10/100Mbps	10/100Mbps	ST Multimode OM3	300m	Fiber	10/100Mbps	-40°C to 75°C	-40°C to 75°C
DM-0041	10/100Mbps	10/100Mbps	ST Multimode OM3	300m	Fiber	10/100Mbps	-40°C to 75°C	-40°C to 75°C
DM-0042	10/100Mbps	10/100Mbps	ST Multimode OM3	300m	Fiber	10/100Mbps	-40°C to 75°C	-40°C to 75°C
DM-0043	10/100Mbps	10/100Mbps	ST Multimode OM3	300m	Fiber	10/100Mbps	-40°C to 75°C	-40°C to 75°C
DM-0044	10/100Mbps	10/100Mbps	ST Multimode OM3	300m	Fiber	10/100Mbps	-40°C to 75°C	-40°C to 75°C
DM-0045	10/100Mbps	10/100Mbps	ST Multimode OM3	300m	Fiber	10/100Mbps	-40°C to 75°C	-40°C to 75°C
DM-0046	10/100Mbps	10/100Mbps	ST Multimode OM3	300m	Fiber	10/100Mbps	-40°C to 75°C	-40°C to 75°C
DM-0047	10/100Mbps	10/100Mbps	ST Multimode OM3	300m	Fiber	10/100Mbps	-40°C to 75°C	-40°C to 75°C
DM-0048	10/100Mbps	10/100Mbps	ST Multimode OM3	300m	Fiber	10/100Mbps	-40°C to 75°C	-40°C to 75°C
DM-0049	10/100Mbps	10/100Mbps	ST Multimode OM3	300m	Fiber	10/100Mbps	-40°C to 75°C	-40°C to 75°C
DM-0050	10/100Mbps	10/100Mbps	ST Multimode OM3	300m	Fiber	10/100Mbps	-40°C to 75°C	-40°C to 75°C
DM-0051	10/100Mbps	10/100Mbps	ST Multimode OM3	300m	Fiber	10/100Mbps	-40°C to 75°C	-40°C to 75°C
DM-0052	10/100Mbps	10/100Mbps	ST Multimode OM3	300m	Fiber	10/100Mbps	-40°C to 75°C	-40°C to 75°C
DM-0053	10/100Mbps	10/100Mbps	ST Multimode OM3	300m	Fiber	10/100Mbps	-40°C to 75°C	-40°C to 75°C
DM-0054	10/100Mbps	10/100Mbps	ST Multimode OM3	300m	Fiber	10/100Mbps	-40°C to 75°C	-40°C to 75°C
DM-0055	10/100Mbps	10/100Mbps	ST Multimode OM3	300m	Fiber	10/100Mbps	-40°C to 75°C	-40°C to 75°C
DM-0056	10/100Mbps	10/100Mbps	ST Multimode OM3	300m	Fiber	10/100Mbps	-40°C to 75°C	-40°C to 75°C
DM-0057	10/100Mbps	10/100Mbps	ST Multimode OM3	300m	Fiber	10/100Mbps	-40°C to 75°C	-40°C to 75°C
DM-0058	10/100Mbps	10/100Mbps	ST Multimode OM3	300m	Fiber	10/100Mbps	-40°C to 75°C	-40°C to 75°C
DM-0059	10/100Mbps	10/100Mbps	ST Multimode OM3	300m	Fiber	10/100Mbps	-40°C to 75°C	-40°C to 75°C
DM-0060	10/100Mbps	10/100Mbps	ST Multimode OM3	300m	Fiber	10/100Mbps	-40°C to 75°C	-40°C to 75°C
DM-0061	10/100Mbps	10/100Mbps	ST Multimode OM3	300m	Fiber	10/100Mbps	-40°C to 75°C	-40°C to 75°C
DM-0062	10/100Mbps	10/100Mbps	ST Multimode OM3	300m	Fiber	10/100Mbps	-40°C to 75°C	-40°C to 75°C
DM-0063	10/100Mbps	10/100Mbps	ST Multimode OM3	300m	Fiber	10/100Mbps	-40°C to 75°C	-40°C to 75°C
DM-0064	10/100Mbps	10/100Mbps	ST Multimode OM3	300m	Fiber	10/100Mbps	-40°C to 75°C	-40°C to 75°C
DM-0065	10/100Mbps	10/100Mbps	ST Multimode OM3	300m	Fiber	10/100Mbps	-40°C to 75°C	-40°C to 75°C
DM-0066	10/100Mbps	10/100Mbps	ST Multimode OM3	300m	Fiber	10/100Mbps	-40°C to 75°C	-40°C to 75°C
DM-0067	10/100Mbps	10/100Mbps	ST Multimode OM3	300m	Fiber	10/100Mbps	-40°C to 75°C	-40°C to 75°C
DM-0068	10/100Mbps	10/100Mbps	ST Multimode OM3	300m	Fiber	10/100Mbps	-40°C to 75°C	-40°C to 75°C
DM-0069	10/100Mbps	10/100Mbps	ST Multimode OM3	300m	Fiber	10/100Mbps	-40°C to 75°C	-40°C to 75°C
DM-0070	10/100Mbps	10/100Mbps	ST Multimode OM3	300m	Fiber	10/100Mbps	-40°C to 75°C	-40°C to 75°C
DM-0071	10/100Mbps	10/100Mbps	ST Multimode OM3	300m	Fiber	10/100Mbps	-40°C to 75°C	-40°C to 75°C
DM-0072	10/100Mbps	10/100Mbps	ST Multimode OM3	300m	Fiber	10/100Mbps	-40°C to 75°C	-40°C to 75°C
DM-0073	10/100Mbps	10/100Mbps	ST Multimode OM3	300m	Fiber	10/100Mbps	-40°C to 75°C	-40°C to 75°C
DM-0074	10/100Mbps	10/100Mbps	ST Multimode OM3	300m	Fiber	10/100Mbps	-40°C to 75°C	-40°C to 75°C
DM-0075	10/100Mbps	10/100Mbps	ST Multimode OM3	300m	Fiber	10/100Mbps	-40°C to 75°C	-40°C to 75°C
DM-0076	10/100Mbps	10/100Mbps	ST Multimode OM3	300m	Fiber	10/100Mbps	-40°C to 75°C	-40°C to 75°C
DM-0077	10/100Mbps	10/100Mbps	ST Multimode OM3	300m	Fiber	10/100Mbps	-40°C to 75°C	-40°C to 75°C
DM-0078	10/100Mbps	10/100Mbps	ST Multimode OM3	300m	Fiber	10/100Mbps	-40°C to 75°C	-40°C to 75°C
DM-0079	10/100Mbps	10/100Mbps	ST Multimode OM3	300m	Fiber	10/100Mbps	-40°C to 75°C	-40°C to 75°C
DM-0080	10/100Mbps	10/100Mbps	ST Multimode OM3	300m	Fiber	10/100Mbps	-40°C to 75°C	-40°C to 75°C
DM-0081	10/100Mbps	10/100Mbps	ST Multimode OM3	300m	Fiber	10/100Mbps	-40°C to 75°C	-40°C to 75°C
DM-0082	10/100Mbps	10/100Mbps	ST Multimode OM3	300m	Fiber	10/100Mbps	-40°C to 75°C	-40°C to 75°C
DM-0083	10/100Mbps	10/100Mbps	ST Multimode OM3	300m	Fiber	10/100Mbps	-40°C to 75°C	-40°C to 75°C
DM-0084	10/100Mbps	10/100Mbps	ST Multimode OM3	300m	Fiber	10/100Mbps	-40°C to 75°C	-40°C to 75°C
DM-0085	10/100Mbps	10/100Mbps	ST Multimode OM3	300m	Fiber	10/100Mbps	-40°C to 75°C	-40°C to 75°C
DM-0086	10/100Mbps	10/100Mbps	ST Multimode OM3	300m	Fiber	10/100Mbps	-40°C to 75°C	-40°C to 75°C
DM-0087	10/100Mbps	10/100Mbps	ST Multimode OM3	300m	Fiber	10/100Mbps	-40°C to 75°C	-40°C to 75°C
DM-0088	10/100Mbps	10/100Mbps	ST Multimode OM3	300m	Fiber	10/100Mbps	-40°C to 75°C	-40°C to 75°C
DM-0089	10/100Mbps	10/100Mbps	ST Multimode OM3	300m	Fiber	10/100Mbps	-40°C to 75°C	-40°C to 75°C
DM-0090	10/100Mbps	10/100Mbps	ST Multimode OM3	300m	Fiber	10/100Mbps	-40°C to 75°C	-40°C to 75°C
DM-0091	10/100Mbps	10/100Mbps	ST Multimode OM3	300m	Fiber	10/100Mbps	-40°C to 75°C	-40°C to 75°C
DM-0092	10/100Mbps	10/100Mbps	ST Multimode OM3	300m	Fiber	10/100Mbps	-40°C to 75°C	-40°C to 75°C
DM-0093	10/100Mbps	10/100Mbps	ST Multimode OM3	300m	Fiber	10/100Mbps	-40°C to 75°C	-40°C to 75°C
DM-0094	10/100Mbps	10/100Mbps	ST Multimode OM3	300m	Fiber	10/100Mbps	-40°C to 75°C	-40°C to 75°C
DM-0095	10/100Mbps	10/100Mbps	ST Multimode OM3	300m	Fiber	10/100Mbps	-40°C to 75°C	-40°C to 75°C
DM-0096	10/100Mbps	10/100Mbps	ST Multimode OM3	300m	Fiber	10/100Mbps	-40°C to 75°C	-40°C to 75°C
DM-0097	10/100Mbps	10/100Mbps	ST Multimode OM3	300m	Fiber	10/100Mbps	-40°C to 75°C	-40°C to 75°C
DM-0098	10/100Mbps	10/100Mbps	ST Multimode OM3	300m	Fiber	10/100Mbps	-40°C to 75°C	-40°C to 75°C
DM-0099	10/100Mbps	10/100Mbps	ST Multimode OM3	300m	Fiber	10/100Mbps	-40°C to 75°C	-40°C to 75°C
DM-0100	10/100Mbps	10/100Mbps	ST Multimode OM3	300m	Fiber	10/100Mbps	-40°C to 75°C	-40°C to 75°C

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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