

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 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

- 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)	cm ³
Packaging Unit Carton	20	10.00	30.00	27.00	55.00	44,550.00
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	1	0.18	12.00	7.00	2.60	0.00

More images:

Product Name	SKU Code	Serial	Component	Material	Weight	Quantity/Package	Manufacturer
Media Converter	AS50000001	1010000001	SC Singlemode Duplex	2.0kg	10000	10000/10000	AS50000001
Media Converter	AS50000002	1010000002	SC Multimode Duplex	2.0kg	10000	10000/10000	AS50000002
Media Converter	AS50000003	1010000003	SC Singlemode Duplex	2.0kg	10000	10000/10000	AS50000003
Media Converter	AS50000004	1010000004	SC Multimode Duplex	2.0kg	10000	10000/10000	AS50000004
Media Converter	AS50000005	1010000005	SC Singlemode Duplex	2.0kg	10000	10000/10000	AS50000005
Media Converter	AS50000006	1010000006	SC Multimode Duplex	2.0kg	10000	10000/10000	AS50000006
Media Converter	AS50000007	1010000007	SC Singlemode Duplex	2.0kg	10000	10000/10000	AS50000007
Media Converter	AS50000008	1010000008	SC Multimode Duplex	2.0kg	10000	10000/10000	AS50000008
Media Converter	AS50000009	1010000009	SC Singlemode Duplex	2.0kg	10000	10000/10000	AS50000009
Media Converter	AS50000010	1010000010	SC Multimode Duplex	2.0kg	10000	10000/10000	AS50000010
Media Converter	AS50000011	1010000011	SC Singlemode Duplex	2.0kg	10000	10000/10000	AS50000011
Media Converter	AS50000012	1010000012	SC Multimode Duplex	2.0kg	10000	10000/10000	AS50000012
Media Converter	AS50000013	1010000013	SC Singlemode Duplex	2.0kg	10000	10000/10000	AS50000013
Media Converter	AS50000014	1010000014	SC Multimode Duplex	2.0kg	10000	10000/10000	AS50000014
Media Converter	AS50000015	1010000015	SC Singlemode Duplex	2.0kg	10000	10000/10000	AS50000015
Media Converter	AS50000016	1010000016	SC Multimode Duplex	2.0kg	10000	10000/10000	AS50000016
Media Converter	AS50000017	1010000017	SC Singlemode Duplex	2.0kg	10000	10000/10000	AS50000017
Media Converter	AS50000018	1010000018	SC Multimode Duplex	2.0kg	10000	10000/10000	AS50000018
Media Converter	AS50000019	1010000019	SC Singlemode Duplex	2.0kg	10000	10000/10000	AS50000019
Media Converter	AS50000020	1010000020	SC Multimode Duplex	2.0kg	10000	10000/10000	AS50000020
Media Converter	AS50000021	1010000021	SC Singlemode Duplex	2.0kg	10000	10000/10000	AS50000021
Media Converter	AS50000022	1010000022	SC Multimode Duplex	2.0kg	10000	10000/10000	AS50000022
Media Converter	AS50000023	1010000023	SC Singlemode Duplex	2.0kg	10000	10000/10000	AS50000023
Media Converter	AS50000024	1010000024	SC Multimode Duplex	2.0kg	10000	10000/10000	AS50000024
Media Converter	AS50000025	1010000025	SC Singlemode Duplex	2.0kg	10000	10000/10000	AS50000025
Media Converter	AS50000026	1010000026	SC Multimode Duplex	2.0kg	10000	10000/10000	AS50000026
Media Converter	AS50000027	1010000027	SC Singlemode Duplex	2.0kg	10000	10000/10000	AS50000027
Media Converter	AS50000028	1010000028	SC Multimode Duplex	2.0kg	10000	10000/10000	AS50000028
Media Converter	AS50000029	1010000029	SC Singlemode Duplex	2.0kg	10000	10000/10000	AS50000029
Media Converter	AS50000030	1010000030	SC Multimode Duplex	2.0kg	10000	10000/10000	AS50000030
Media Converter	AS50000031	1010000031	SC Singlemode Duplex	2.0kg	10000	10000/10000	AS50000031
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Media Converter	AS50000035	1010000035	SC Singlemode Duplex	2.0kg	10000	10000/10000	AS50000035
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Media Converter	AS50000039	1010000039	SC Singlemode Duplex	2.0kg	10000	10000/10000	AS50000039
Media Converter	AS50000040	1010000040	SC Multimode Duplex	2.0kg	10000	10000/10000	AS50000040
Media Converter	AS50000041	1010000041	SC Singlemode Duplex	2.0kg	10000	10000/10000	AS50000041
Media Converter	AS50000042	1010000042	SC Multimode Duplex	2.0kg	10000	10000/10000	AS50000042
Media Converter	AS50000043	1010000043	SC Singlemode Duplex	2.0kg	10000	10000/10000	AS50000043
Media Converter	AS50000044	1010000044	SC Multimode Duplex	2.0kg	10000	10000/10000	AS50000044
Media Converter	AS50000045	1010000045	SC Singlemode Duplex	2.0kg	10000	10000/10000	AS50000045
Media Converter	AS50000046	1010000046	SC Multimode Duplex	2.0kg	10000	10000/10000	AS50000046
Media Converter	AS50000047	1010000047	SC Singlemode Duplex	2.0kg	10000	10000/10000	AS50000047
Media Converter	AS50000048	1010000048	SC Multimode Duplex	2.0kg	10000	10000/10000	AS50000048
Media Converter	AS50000049	1010000049	SC Singlemode Duplex	2.0kg	10000	10000/10000	AS50000049
Media Converter	AS50000050	1010000050	SC Multimode Duplex	2.0kg	10000	10000/10000	AS50000050



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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