

DIGITUS Gigabit Media Converter, RJ45 / SC

DN-82121-1
EAN 4016032293132



Gigabit 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 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 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
- Suitable for 9/125µm Fiber Cables
- Transmission Power: Minimum -12 dBm, Maximum -6 dBm

- Sensitivity Receiving Power: Minimum -21 dBm
- 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

Attributes

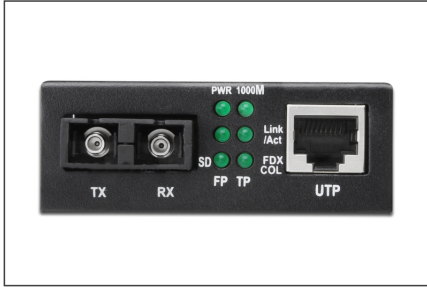
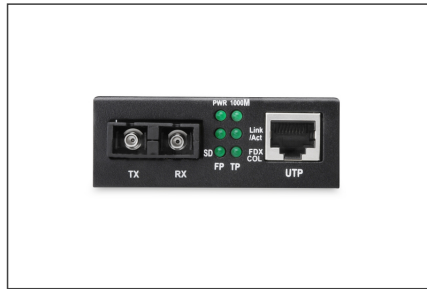
- Connector 1: RJ45
- Connector 2: SC
- Mode: Singlemode
- Distance (km): 20
- Industrial usage: no
- Broadcasting Mode: Unidirectional
- PoE injector: no
- Ethernet speed: Gigabit

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	44,550.00
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:



Part Number	Part Name	Speed	Connector	Distance	Medium	Message	Operating Temperature	Additional Features
DA100001	4000000000	1000Mbps	LC-LC	2000m	Plastic OM3	1000Mbps	0 to 40°C	
DA100002	4000000000	1000Mbps	LC-LC	2000m	Plastic OM3	1000Mbps	0 to 40°C	
DA100003	4000000000	1000Mbps	LC-LC	2000m	Plastic OM3	1000Mbps	0 to 40°C	
DA100004	4000000000	1000Mbps	LC-LC	2000m	Plastic OM3	1000Mbps	0 to 40°C	
DA100005	4000000000	1000Mbps	LC-LC	2000m	Plastic OM3	1000Mbps	0 to 40°C	
DA100006	4000000000	1000Mbps	LC-LC	2000m	Plastic OM3	1000Mbps	0 to 40°C	
DA100007	4000000000	1000Mbps	LC-LC	2000m	Plastic OM3	1000Mbps	0 to 40°C	
DA100008	4000000000	1000Mbps	LC-LC	2000m	Plastic OM3	1000Mbps	0 to 40°C	
DA100009	4000000000	1000Mbps	LC-LC	2000m	Plastic OM3	1000Mbps	0 to 40°C	
DA100010	4000000000	1000Mbps	LC-LC	2000m	Plastic OM3	1000Mbps	0 to 40°C	
DA100011	4000000000	1000Mbps	LC-LC	2000m	Plastic OM3	1000Mbps	0 to 40°C	
DA100012	4000000000	1000Mbps	LC-LC	2000m	Plastic OM3	1000Mbps	0 to 40°C	
DA100013	4000000000	1000Mbps	LC-LC	2000m	Plastic OM3	1000Mbps	0 to 40°C	
DA100014	4000000000	1000Mbps	LC-LC	2000m	Plastic OM3	1000Mbps	0 to 40°C	
DA100015	4000000000	1000Mbps	LC-LC	2000m	Plastic OM3	1000Mbps	0 to 40°C	
DA100016	4000000000	1000Mbps	LC-LC	2000m	Plastic OM3	1000Mbps	0 to 40°C	
DA100017	4000000000	1000Mbps	LC-LC	2000m	Plastic OM3	1000Mbps	0 to 40°C	
DA100018	4000000000	1000Mbps	LC-LC	2000m	Plastic OM3	1000Mbps	0 to 40°C	
DA100019	4000000000	1000Mbps	LC-LC	2000m	Plastic OM3	1000Mbps	0 to 40°C	
DA100020	4000000000	1000Mbps	LC-LC	2000m	Plastic OM3	1000Mbps	0 to 40°C	
DA100021	4000000000	1000Mbps	LC-LC	2000m	Plastic OM3	1000Mbps	0 to 40°C	
DA100022	4000000000	1000Mbps	LC-LC	2000m	Plastic OM3	1000Mbps	0 to 40°C	
DA100023	4000000000	1000Mbps	LC-LC	2000m	Plastic OM3	1000Mbps	0 to 40°C	
DA100024	4000000000	1000Mbps	LC-LC	2000m	Plastic OM3	1000Mbps	0 to 40°C	
DA100025	4000000000	1000Mbps	LC-LC	2000m	Plastic OM3	1000Mbps	0 to 40°C	
DA100026	4000000000	1000Mbps	LC-LC	2000m	Plastic OM3	1000Mbps	0 to 40°C	
DA100027	4000000000	1000Mbps	LC-LC	2000m	Plastic OM3	1000Mbps	0 to 40°C	
DA100028	4000000000	1000Mbps	LC-LC	2000m	Plastic OM3	1000Mbps	0 to 40°C	
DA100029	4000000000	1000Mbps	LC-LC	2000m	Plastic OM3	1000Mbps	0 to 40°C	
DA100030	4000000000	1000Mbps	LC-LC	2000m	Plastic OM3	1000Mbps	0 to 40°C	
DA100031	4000000000	1000Mbps	LC-LC	2000m	Plastic OM3	1000Mbps	0 to 40°C	
DA100032	4000000000	1000Mbps	LC-LC	2000m	Plastic OM3	1000Mbps	0 to 40°C	
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DA100040	4000000000	1000Mbps	LC-LC	2000m	Plastic OM3	1000Mbps	0 to 40°C	
DA100041	4000000000	1000Mbps	LC-LC	2000m	Plastic OM3	1000Mbps	0 to 40°C	
DA100042	4000000000	1000Mbps	LC-LC	2000m	Plastic OM3	1000Mbps	0 to 40°C	
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DA100044	4000000000	1000Mbps	LC-LC	2000m	Plastic OM3	1000Mbps	0 to 40°C	
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DA100047	4000000000	1000Mbps	LC-LC	2000m	Plastic OM3	1000Mbps	0 to 40°C	
DA100048	4000000000	1000Mbps	LC-LC	2000m	Plastic OM3	1000Mbps	0 to 40°C	
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DA100050	4000000000	1000Mbps	LC-LC	2000m	Plastic OM3	1000Mbps	0 to 40°C	
DA100051	4000000000	1000Mbps	LC-LC	2000m	Plastic OM3	1000Mbps	0 to 40°C	
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DA100054	4000000000	1000Mbps	LC-LC	2000m	Plastic OM3	1000Mbps	0 to 40°C	
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DA100057	4000000000	1000Mbps	LC-LC	2000m	Plastic OM3	1000Mbps	0 to 40°C	
DA100058	4000000000	1000Mbps	LC-LC	2000m	Plastic OM3	1000Mbps	0 to 40°C	
DA100059	4000000000	1000Mbps	LC-LC	2000m	Plastic OM3	1000Mbps	0 to 40°C	
DA100060	4000000000	1000Mbps	LC-LC	2000m	Plastic OM3	1000Mbps	0 to 40°C	
DA100061	4000000000	1000Mbps	LC-LC	2000m	Plastic OM3	1000Mbps	0 to 40°C	
DA100062	4000000000	1000Mbps	LC-LC	2000m	Plastic OM3	1000Mbps	0 to 40°C	
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DA100071	4000000000	1000Mbps	LC-LC	2000m	Plastic OM3	1000Mbps	0 to 40°C	
DA100072	4000000000	1000Mbps	LC-LC	2000m	Plastic OM3	1000Mbps	0 to 40°C	
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DA100076	4000000000	1000Mbps	LC-LC	2000m	Plastic OM3	1000Mbps	0 to 40°C	
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DA100080	4000000000	1000Mbps	LC-LC	2000m	Plastic OM3	1000Mbps	0 to 40°C	
DA100081	4000000000	1000Mbps	LC-LC	2000m	Plastic OM3	1000Mbps	0 to 40°C	
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DA100087	4000000000	1000Mbps	LC-LC	2000m	Plastic OM3	1000Mbps	0 to 40°C	
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DA100094	4000000000	1000Mbps	LC-LC	2000m	Plastic OM3	1000Mbps	0 to 40°C	
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DA100098	4000000000	1000Mbps	LC-LC	2000m	Plastic OM3	1000Mbps	0 to 40°C	
DA100099	4000000000	1000Mbps	LC-LC	2000m	Plastic OM3	1000Mbps	0 to 40°C	
DA100100	4000000000	1000Mbps	LC-LC	2000m	Plastic OM3	1000Mbps	0 to 40°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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