

Digitus® mini GBIC (SFP) Module, 1.25 Gbps, 20km

DN-81004

EAN 4016032305729



1.25 Gbps SFP Module, Singlemode, BiDi LC Simplex, Tx1550nm/Rx1310nm, up to 20km

The DIGITUS® mini GBIC (SFP) transceiver modules offer highest quality and reliability. Whether from switch to switch, converter to switch, converter to converter or any other application: The wide product range of DIGITUS® modules makes possible a flexible usage of the fiber technology. The conformity to the MSA (Multi Source Agreement) standard ensures a compatibility to third party manufacturers.

The plug and play fiber connection

- Mini GBIC SFP (Small Form Factor Pluggable) module
- Compatible with the following manufacturers: Ubiquiti, Allied Telesis, Allnet, CISCO, D-Link, Edimax, Intellinet, KTI Networks, Level One, PLANET, Tenda, TP-Link, TRENDnet, ZyXEL, ZTE, Avaya, Mikrotik, ENTERASYS, FINISAR, FORCE 10, RIVERSTONE, Fortinet
- Bidirectional WDM Module - Only one fiber is needed
- High quality and excellent reliability
- 1.25 Gbps Maximum Data Rate
- Compliant to IEEE 802.3z Gigabit Standard
- Class 1 laser product compliant with EN 60825-1
- Easy plug-and-play installation
- MSA (Multi Source Agreement) compliant

- Hot pluggable
- Connector: 1x LC Simplex
- Wavelength: Tx 1550nm / Rx 1310nm
- Transmission Power: Minimum -5 dBm, Maximum 0 dBm
- Sensitivity receiving power: minimum -24 dBm
- For a Distance of up to 20km
- Suitable for 0.9/125µm Singlemode Fiber Cables
- Safe fast-locking mechanism
- 3.3V power supply
- Operating temperature: 0 °C ~ 70 °C

Attributes

- Mode: Singlemode
- Connector: LC
- Distance (km): 20
- Wavelength: 1550/1310 nm
- DDM Support: no
- Broadcasting Mode: Bi-directional
- Manufacturer compatibility: Universal (MSA), Cisco
- Ethernet speed: Gigabit

Package contents

- SFP module

Logistics						
	Number (pcs)	Weight (kg)	Depth (cm)	Width (cm)	Height (cm)	cm ³
Packaging Unit Carton	240	8.50	50.00	29.00	54.50	79,025.00
Packaging Unit Inside	30	1.06	7.00	20.00	30.00	4,200.00
Packaging Unit Single	1	0.04	9.00	11.50	3.00	310.50
Net single without Packaging	1	0.00	0.00	0.00	0.00	0.00

More images:

SFP Modules							
Product Number	MAN Code	Speed	Distance	Connector	Wavelength	Operating Temperature	Industrial Model
DM-8101	401000024051	100 Mbps	2 km	LC Multimode Duplex	1310nm	-5°C ~ 70°C	
DM-8102	401000024052	100 Mbps	20 km	LC Multimode Duplex	1310nm	-5°C ~ 70°C	
DM-8104	401000024053	100 Mbps	20 km	LC Single-mode Simplex	1550nm	-5°C ~ 70°C	
DM-8105	401000024054	100 Mbps	20 km	LC Single-mode Simplex	1550nm	-5°C ~ 70°C	
1 Gbps							
DM-8107	401000025051	1000 Mbps	500 m	LC Multimode Duplex	850nm	-5°C ~ 70°C	
DM-8108	401000025052	1000 Mbps	20 km	LC Multimode Duplex	850nm	-5°C ~ 70°C	
DM-8109	401000025053	1000 Mbps	20 km	LC Single-mode Simplex	1310nm	-5°C ~ 70°C	
DM-8110	401000025054	1000 Mbps	20 km	LC Single-mode Simplex	1310nm	-5°C ~ 70°C	
10 Gbps							
DM-8111	401000026051	10 Gbps	300 m	LC Multimode Duplex	850nm	-5°C ~ 70°C	
DM-8112	401000026052	10 Gbps	300 m	LC Multimode Duplex	850nm	-5°C ~ 70°C	
DM-8113	401000026053	10 Gbps	300 m	LC Multimode Duplex	850nm	-5°C ~ 70°C	
DM-8114	401000026054	10 Gbps	300 m	LC Multimode Duplex	850nm	-5°C ~ 70°C	
Fast Ethernet							
DM-8115	401000027051	100 Mbps	20 km	LC Single-mode Simplex	1550nm	-40°C ~ 70°C	✓
DM-8116	401000027052	100 Mbps	20 km	LC Multimode Duplex	1550nm	-40°C ~ 70°C	✓
DM-8117	401000027053	100 Mbps	20 km	LC Multimode Duplex	1550nm	-40°C ~ 70°C	✓
DM-8118	401000027054	100 Mbps	20 km	LC Single-mode Simplex	1550nm	-40°C ~ 70°C	✓
DM-8119	401000027055	100 Mbps	20 km	LC Single-mode Simplex	1550nm	-40°C ~ 70°C	✓
DM-8120	401000027056	100 Mbps	20 km	LC Single-mode Simplex	1550nm	-40°C ~ 70°C	✓
DM-8121	401000027057	100 Mbps	20 km	LC Single-mode Simplex	1550nm	-40°C ~ 70°C	✓
DM-8122	401000027058	100 Mbps	20 km	LC Single-mode Simplex	1550nm	-40°C ~ 70°C	✓
DM-8123	401000027059	100 Mbps	20 km	LC Single-mode Simplex	1550nm	-40°C ~ 70°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

EU responsible person

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

ASSMANN Electronic GmbH

Auf dem Schüffel 3

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