DIGITUS® mini GBIC (SFP) Module, 1.25 Gbps, 80km

DN-81002

EAN 4016032305675

1.25 Gbps SFP Module, Singlemode LC Duplex Connector, 1550nm, up to 80km

The DIGITUS® mini GBIC (SFP) transceiver modules offer highest quality and reliability. Wether from switch to switch, converter to switch, converter to converter or any else 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 manuafacturers: Allied Telesis, Allnet, Avaya, CISCO, D-Link, Edimax, FINISAR, FORCE 10, Gigamon Intellinet, KTI Networks, Level One, PLANET, Tenda, TP-Link, TRENDnet, Mikrotik , ENTERASYS, RIVERSTONE , Unifi, Ubiquiti, ZyXEL, ZTE
- 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 Duplex
- 1000Base-ZX - For Long Haul
- Wavelength: 1550nm
- Transmission Power: Minimum 0 dBm, Maximum 5 dBm
- Sensitivity Receiving Power: Minimum -32 dBm
- For a Distance of up to 80km
- Suitable for 09/125µm Singlemode Fiber Cables
- Safe fast-locking mechanism
- 3.3V power supply
- Operating temperature: 0 °C ~ 70 °C

Attributes

- Mode: Singlemode
- Connector: LC
- Distance (km): 80
- Wavelength: 1550 nm
- DDM Support: no
- Broadcasting Mode: Unidirectional
- Manufacturer compatibility: Universal (MSA), Cisco
- Ethernet speed: Gigabit

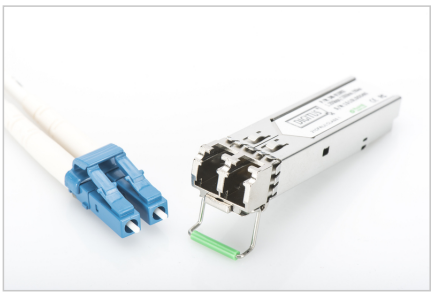
Package contents

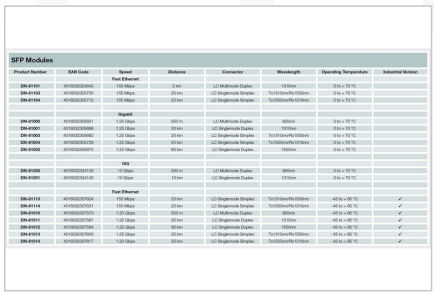
- SFP module

Logistics

	Number (pcs)	Weight (kg)	Depth (cm)	Width (cm)	Height (cm)	cm³
Packaging Unit Carton	240	8.50	50.00	29.00	54.50	79.03
Packaging Unit Inside	1	0.04	7.00	20.00	30.00	4.20
Packaging Unit Single	1	0.04	9.00	11.50	3.00	310.50
Net single without Packaging	0	0.00	0.00	0.00	0.00	0.00

More images:





SFP Modules

Product Number	EAN Code	Speed	Distance	Connector	Wavelength	Operating Temperature	Industrial Version
		Fast Ethernet					
DN-81101	4016032324643	155 Mbps	2 km	LC Multimode Duplex	1310nm	0 to + 70 °C	
DN-81103	4016032307730	155 Mbps	20 km	LC Singlemode Simplex	Tx1310nm/Rx1550nm	0 to + 70 °C	
DN-81104	4016032307211	155 Mbps	20 km	LC Singlemode Simplex	Tx1550nm/Rx1310nm	0 to + 70 °C	
		Gigabit					
DN-81000	4016032305651	1.25 Gbps	550 m	LC Multimode Duplex	850nm	0 to + 70 °C	
DN-81001	4016032305668	1.25 Gbps	20 km	LC Singlemode Duplex	1310nm	0 to + 70 °C	
DN-81003	4016032305682	1.25 Gbps	20 km	LC Singlemode Simplex	Tx1310nm/Rx1550nm	0 to + 70 °C	
DN-81004	4016032307235	1.25 Gbps	20 km	LC Singlemode Simplex	Tx1550nm/Rx1310nm	0 to + 70 °C	
DN-81002	4016032305675	1.25 Gbps	80 km	LC Singlemode Duplex	1550nm	0 to + 70 °C	
		10G					
DN-81200	4016032324133	10 Gbps	300 m	LC Multimode Duplex	850nm	0 to + 70 °C	
DN-81201	4016032324140	10 Gbps	10 km	LC Singlemode Duplex	1310nm	0 to + 70 °C	
		Fast Ethernet					
DN-81113	4016032307624	155 Mbps	20 km	LC Singlemode Simplex	Tx1310nm/Rx1550nm	-40 to + 85 °C	✓
DN-81114	4016032307631	155 Mbps	20 km	LC Singlemode Simplex	Tx1550nm/Rx1310nm	-40 to + 85 °C	✓
DN-81010	4016032307570	1.25 Gbps	550 m	LC Multimode Duplex	850nm	-40 to + 85 °C	✓
DN-81011	4016032307587	1.25 Gbps	20 km	LC Singlemode Duplex	1310nm	-40 to + 85 °C	✓
DN-81012	4016032307594	1.25 Gbps	80 km	LC Singlemode Duplex	1550nm	-40 to + 85 °C	✓
DN-81013	4016032307600	1.25 Gbps	20 km	LC Singlemode Simplex	Tx1310nm/Rx1550nm	-40 to + 85 °C	✓
DN-81014	4016032307617	1.25 Gbps	20 km	LC Singlemode Simplex	Tx1550nm/Rx1310nm	-40 to + 85 °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.

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