

DIGITUS® HP-compatible mini GBIC (SFP) Module, 1.25 Gbps, 20km, with DDM Feature

DN-81004-01

EAN 4016032391555



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

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 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

- HP compatible
- HP-Aruba compatible
- Mini GBIC SFP (Small Form Factor Pluggable) module
- Supports DDM (Digital Diagnostic Monitoring)
- 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 OM3/OM4 Singlemode Fiber Cables
- Safe fast-locking mechanism
- 3.3V power supply
- Suitable Module for Opposite Side: DN-81003
- Operating temperature: 0 °C ~ 70 °C
- Compatible with the following manufacturers: 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

Attributes

- Mode: Singlemode
- Connector: LC
- Distance (km): 20
- Wavelength: 1550/1310 nm
- DDM Support: yes
- Broadcasting Mode: Bidirectional
- Manufacturer compatibility: HP, Universal (MSA)
- Ethernet speed: Gigabit

Package contents

- SFP module

Logistics						
	Number (pcs)	Weight (kg)	Depth (cm)	Width (cm)	Height (cm)	cm³
Packaging Unit Carton	200	8.50	50.00	29.00	54.50	79,025.00
Packaging Unit Inside	1	0.04	11.60	5.50	3.00	191.40
Packaging Unit Single	1	0.04	11.50	5.50	3.00	189.75
Net single without Packaging	1	0.00	0.00	0.00	0.00	0.00

More images:



SPF Models							
Product Number	DAM Code	Speed	Distance	Connectors	Wavelength	Operating Temperature	Relative Humidity
250 Series							
250-1000	25000000000000000000	Fast Ethernet	100m	LC-Multimode OM3	1310nm	-20°C to 70°C	✓
250-1000	25000000000000000000	Fast Ethernet	100m	LC-Singlemode OS2	1550nm	-20°C to 70°C	✓
250-1004	25000000000000000000	Fast Ethernet	200m	LC-Singlemode OS2	1550nm/1625nm/1675nm	-20°C to 70°C	✓
250 Series							
250-1000	25000000000000000000	SFP+	100m	LC-Multimode OM3	1310nm	-20°C to 70°C	✓
250-1000	25000000000000000000	SFP+	100m	LC-Singlemode OS2	1550nm	-20°C to 70°C	✓
250-1004	25000000000000000000	SFP+	200m	LC-Singlemode OS2	1550nm/1625nm/1675nm	-20°C to 70°C	✓
250-1000	25000000000000000000	SFP+	100m	LC-Singlemode OS2	1550nm	-20°C to 70°C	✓
250 Series							
250-1000	25000000000000000000	10G	100m	LC-Multimode OM3	1310nm	-20°C to 70°C	✓
250-1000	25000000000000000000	10G	100m	LC-Singlemode OS2	1550nm	-20°C to 70°C	✓
250-1004	25000000000000000000	10G	200m	LC-Singlemode OS2	1550nm/1625nm/1675nm	-20°C to 70°C	✓
250 Series							
250-1010	25000000000000000000	Fast Ethernet	100m	LC-Singlemode OS2	1550nm/1625nm/1675nm	-40°C to -10°C	✓
250-1010	25000000000000000000	Fast Ethernet	100m	LC-Singlemode OS2	1550nm	-40°C to -10°C	✓
250-1010	25000000000000000000	Fast Ethernet	100m	LC-Singlemode OS2	1550nm	-40°C to -10°C	✓
250-1010	25000000000000000000	Fast Ethernet	100m	LC-Singlemode OS2	1550nm	-40°C to -10°C	✓
250-1010	25000000000000000000	Fast Ethernet	100m	LC-Singlemode OS2	1550nm	-40°C to -10°C	✓
250-1010	25000000000000000000	Fast Ethernet	100m	LC-Singlemode OS2	1550nm	-40°C to -10°C	✓
250-1010	25000000000000000000	Fast Ethernet	100m	LC-Singlemode OS2	1550nm/1625nm/1675nm	-40°C to -10°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
Lüdenscheid, Germany
<https://www.assmann.com>
info@assmann.com