

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 09/125µm 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: Biidirectional
- 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	0.02	11.50	5.50	3.00	189.75

A blue LC connector and a silver SFP module are shown. The SFP module is a small, rectangular component with a green LED indicator and a label that reads "SFP" and "1000BASE-SX".

BPP Modules							
Product Number	EM Code	Part Number	Distance	Connector	Weight/kg	Operating Temperature	Relative Humidity
EN-0101	0100000000	100 Wires	2.3m	LC-Multimode OM3	1330g	-5 to +70 °C	
EN-0102	0100000000	100 Wires	3.0m	LC-Singlemode OM3	1640g	-5 to +70 °C	
EN-0104	0100000000	100 Wires	3.0m	LC-Singlemode OM4	1670g	-5 to +70 °C	
EN-0106	0100000000	100 Wires	3.0m	LC-Multimode OM3	800g	-5 to +70 °C	
EN-0107	0100000000	100 Wires	3.0m	LC-Multimode OM4	800g	-5 to +70 °C	
EN-0108	0100000000	100 Wires	3.0m	LC-Singlemode OM3	1000g	-5 to +70 °C	
EN-0109	0100000000	100 Wires	3.0m	LC-Singlemode OM4	1000g	-5 to +70 °C	
EN-0110	0100000000	100 Wires	3.0m	LC-Singlemode OM3	1000g	-5 to +70 °C	
EN-0111	0100000000	100 Wires	3.0m	LC-Singlemode OM4	1000g	-5 to +70 °C	
EN-0112	0100000000	100 Wires	3.0m	LC-Singlemode OM3	1670g	-5 to +70 °C	✓
EN-0113	0100000000	100 Wires	3.0m	LC-Singlemode OM4	1670g	-5 to +70 °C	✓
EN-0114	0100000000	100 Wires	3.0m	LC-Multimode OM3	800g	-5 to +70 °C	✓
EN-0115	0100000000	100 Wires	3.0m	LC-Multimode OM4	800g	-5 to +70 °C	✓
EN-0116	0100000000	100 Wires	3.0m	LC-Singlemode OM3	1000g	-5 to +70 °C	✓
EN-0117	0100000000	100 Wires	3.0m	LC-Singlemode OM4	1000g	-5 to +70 °C	✓
EN-0118	0100000000	100 Wires	3.0m	LC-Singlemode OM3	1670g	-5 to +70 °C	✓
EN-0119	0100000000	100 Wires	3.0m	LC-Singlemode OM4	1670g	-5 to +70 °C	✓

- 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 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