

# DIGITUS mini GBIC (SFP) Module, 1.25 Gbps, 20km

**DN-81003**  
**EAN 4016032305682**



**1.25 Gbps SFP Module, Singlemode, BiDi LC Simplex, Tx1310nm/Rx1550nm, 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 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 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
- 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

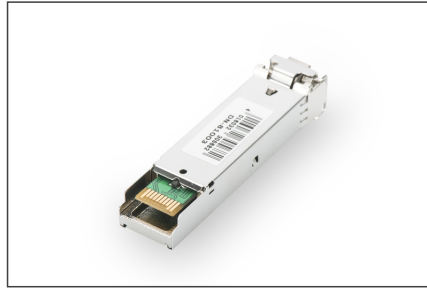
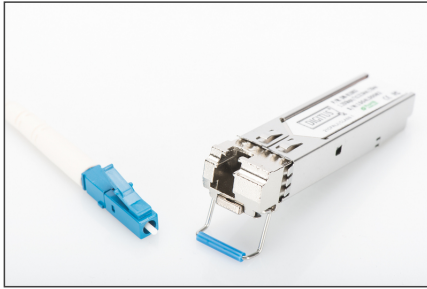
- MSA (Multi Source Agreement) compliant
- Hot pluggable
- Connector: 1x LC Simplex
- Wavelength: Tx 1310nm / Rx 1550nm
- Transmission Power: Minimum -5 dBm, Maximum 0 dBm
- Sensitivity receiving power: minimum -24 dBm
- For a Distance of up to 20km
- Suitable for 09/125µm Singlemode Fiber Cables
- Safe fast-locking mechanism
- 3.3V power supply
- Suitable Module for Opposite Side: DN-81004
- Operating temperature: 0 °C ~ 70 °C
- Mode: Singlemode
- Connector: LC
- Distance (km): 20
- Wavelength: 1310/1550 nm
- DDM Support: no
- Broadcasting Mode: Biidirectional
- 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       | 79,025.00 |
| Packaging Unit Inside        | 30           | 1.06        | 7.00       | 20.00      | 30.00       | 4,200.00  |
| Packaging Unit Single        | 1            | 0.04        | 3.00       | 11.50      | 9.00        | 310.50    |
| Net single without Packaging | 1            | 0.02        | 3.00       | 11.50      | 9.00        | 310.50    |

More images:



| SFP Modules          |             |         |          |               |            |                       |                  |
|----------------------|-------------|---------|----------|---------------|------------|-----------------------|------------------|
| Part Number          | Data Rate   | Speed   | Distance | Connector     | Wavelength | Operating Temperature | Industrial Model |
| <b>Fast Ethernet</b> |             |         |          |               |            |                       |                  |
| Di-4140              | 1000Base-SX | 10 Gbps | 300m     | LC Duplex OM3 | 850nm      | 0 to 70 °C            | ✓                |
| Di-4141              | 1000Base-LX | 10 Gbps | 10km     | LC Duplex OM3 | 1310nm     | 0 to 70 °C            | ✓                |
| Di-4142              | 1000Base-LX | 10 Gbps | 10km     | LC Duplex OM3 | 1310nm     | -40 to 85 °C          | ✓                |
| Di-4143              | 1000Base-LX | 10 Gbps | 10km     | LC Duplex OM3 | 1310nm     | -40 to 85 °C          | ✓                |
| Di-4144              | 1000Base-LX | 10 Gbps | 10km     | LC Duplex OM3 | 1310nm     | -40 to 85 °C          | ✓                |
| Di-4145              | 1000Base-LX | 10 Gbps | 10km     | LC Duplex OM3 | 1310nm     | -40 to 85 °C          | ✓                |
| Di-4146              | 1000Base-LX | 10 Gbps | 10km     | LC Duplex OM3 | 1310nm     | -40 to 85 °C          | ✓                |
| Di-4147              | 1000Base-LX | 10 Gbps | 10km     | LC Duplex OM3 | 1310nm     | -40 to 85 °C          | ✓                |
| Di-4148              | 1000Base-LX | 10 Gbps | 10km     | LC Duplex OM3 | 1310nm     | -40 to 85 °C          | ✓                |
| Di-4149              | 1000Base-LX | 10 Gbps | 10km     | LC Duplex OM3 | 1310nm     | -40 to 85 °C          | ✓                |
| Di-4150              | 1000Base-LX | 10 Gbps | 10km     | LC Duplex OM3 | 1310nm     | -40 to 85 °C          | ✓                |
| Di-4151              | 1000Base-LX | 10 Gbps | 10km     | LC Duplex OM3 | 1310nm     | -40 to 85 °C          | ✓                |
| Di-4152              | 1000Base-LX | 10 Gbps | 10km     | LC Duplex OM3 | 1310nm     | -40 to 85 °C          | ✓                |
| Di-4153              | 1000Base-LX | 10 Gbps | 10km     | LC Duplex OM3 | 1310nm     | -40 to 85 °C          | ✓                |
| Di-4154              | 1000Base-LX | 10 Gbps | 10km     | LC Duplex OM3 | 1310nm     | -40 to 85 °C          | ✓                |
| Di-4155              | 1000Base-LX | 10 Gbps | 10km     | LC Duplex OM3 | 1310nm     | -40 to 85 °C          | ✓                |
| Di-4156              | 1000Base-LX | 10 Gbps | 10km     | LC Duplex OM3 | 1310nm     | -40 to 85 °C          | ✓                |
| Di-4157              | 1000Base-LX | 10 Gbps | 10km     | LC Duplex OM3 | 1310nm     | -40 to 85 °C          | ✓                |
| Di-4158              | 1000Base-LX | 10 Gbps | 10km     | LC Duplex OM3 | 1310nm     | -40 to 85 °C          | ✓                |
| Di-4159              | 1000Base-LX | 10 Gbps | 10km     | LC Duplex OM3 | 1310nm     | -40 to 85 °C          | ✓                |
| Di-4160              | 1000Base-LX | 10 Gbps | 10km     | LC Duplex OM3 | 1310nm     | -40 to 85 °C          | ✓                |
| Di-4161              | 1000Base-LX | 10 Gbps | 10km     | LC Duplex OM3 | 1310nm     | -40 to 85 °C          | ✓                |
| Di-4162              | 1000Base-LX | 10 Gbps | 10km     | LC Duplex OM3 | 1310nm     | -40 to 85 °C          | ✓                |
| Di-4163              | 1000Base-LX | 10 Gbps | 10km     | LC Duplex OM3 | 1310nm     | -40 to 85 °C          | ✓                |
| Di-4164              | 1000Base-LX | 10 Gbps | 10km     | LC Duplex OM3 | 1310nm     | -40 to 85 °C          | ✓                |
| Di-4165              | 1000Base-LX | 10 Gbps | 10km     | LC Duplex OM3 | 1310nm     | -40 to 85 °C          | ✓                |
| Di-4166              | 1000Base-LX | 10 Gbps | 10km     | LC Duplex OM3 | 1310nm     | -40 to 85 °C          | ✓                |
| Di-4167              | 1000Base-LX | 10 Gbps | 10km     | LC Duplex OM3 | 1310nm     | -40 to 85 °C          | ✓                |
| Di-4168              | 1000Base-LX | 10 Gbps | 10km     | LC Duplex OM3 | 1310nm     | -40 to 85 °C          | ✓                |
| Di-4169              | 1000Base-LX | 10 Gbps | 10km     | LC Duplex OM3 | 1310nm     | -40 to 85 °C          | ✓                |
| Di-4170              | 1000Base-LX | 10 Gbps | 10km     | LC Duplex OM3 | 1310nm     | -40 to 85 °C          | ✓                |
| Di-4171              | 1000Base-LX | 10 Gbps | 10km     | LC Duplex OM3 | 1310nm     | -40 to 85 °C          | ✓                |
| Di-4172              | 1000Base-LX | 10 Gbps | 10km     | LC Duplex OM3 | 1310nm     | -40 to 85 °C          | ✓                |
| Di-4173              | 1000Base-LX | 10 Gbps | 10km     | LC Duplex OM3 | 1310nm     | -40 to 85 °C          | ✓                |
| Di-4174              | 1000Base-LX | 10 Gbps | 10km     | LC Duplex OM3 | 1310nm     | -40 to 85 °C          | ✓                |
| Di-4175              | 1000Base-LX | 10 Gbps | 10km     | LC Duplex OM3 | 1310nm     | -40 to 85 °C          | ✓                |
| Di-4176              | 1000Base-LX | 10 Gbps | 10km     | LC Duplex OM3 | 1310nm     | -40 to 85 °C          | ✓                |
| Di-4177              | 1000Base-LX | 10 Gbps | 10km     | LC Duplex OM3 | 1310nm     | -40 to 85 °C          | ✓                |
| Di-4178              | 1000Base-LX | 10 Gbps | 10km     | LC Duplex OM3 | 1310nm     | -40 to 85 °C          | ✓                |
| Di-4179              | 1000Base-LX | 10 Gbps | 10km     | LC Duplex OM3 | 1310nm     | -40 to 85 °C          | ✓                |
| Di-4180              | 1000Base-LX | 10 Gbps | 10km     | LC Duplex OM3 | 1310nm     | -40 to 85 °C          | ✓                |
| Di-4181              | 1000Base-LX | 10 Gbps | 10km     | LC Duplex OM3 | 1310nm     | -40 to 85 °C          | ✓                |
| Di-4182              | 1000Base-LX | 10 Gbps | 10km     | LC Duplex OM3 | 1310nm     | -40 to 85 °C          | ✓                |
| Di-4183              | 1000Base-LX | 10 Gbps | 10km     | LC Duplex OM3 | 1310nm     | -40 to 85 °C          | ✓                |
| Di-4184              | 1000Base-LX | 10 Gbps | 10km     | LC Duplex OM3 | 1310nm     | -40 to 85 °C          | ✓                |
| Di-4185              | 1000Base-LX | 10 Gbps | 10km     | LC Duplex OM3 | 1310nm     | -40 to 85 °C          | ✓                |
| Di-4186              | 1000Base-LX | 10 Gbps | 10km     | LC Duplex OM3 | 1310nm     | -40 to 85 °C          | ✓                |
| Di-4187              | 1000Base-LX | 10 Gbps | 10km     | LC Duplex OM3 | 1310nm     | -40 to 85 °C          | ✓                |
| Di-4188              | 1000Base-LX | 10 Gbps | 10km     | LC Duplex OM3 | 1310nm     | -40 to 85 °C          | ✓                |
| Di-4189              | 1000Base-LX | 10 Gbps | 10km     | LC Duplex OM3 | 1310nm     | -40 to 85 °C          | ✓                |
| Di-4190              | 1000Base-LX | 10 Gbps | 10km     | LC Duplex OM3 | 1310nm     | -40 to 85 °C          | ✓                |
| Di-4191              | 1000Base-LX | 10 Gbps | 10km     | LC Duplex OM3 | 1310nm     | -40 to 85 °C          | ✓                |
| Di-4192              | 1000Base-LX | 10 Gbps | 10km     | LC Duplex OM3 | 1310nm     | -40 to 85 °C          | ✓                |
| Di-4193              | 1000Base-LX | 10 Gbps | 10km     | LC Duplex OM3 | 1310nm     | -40 to 85 °C          | ✓                |
| Di-4194              | 1000Base-LX | 10 Gbps | 10km     | LC Duplex OM3 | 1310nm     | -40 to 85 °C          | ✓                |
| Di-4195              | 1000Base-LX | 10 Gbps | 10km     | LC Duplex OM3 | 1310nm     | -40 to 85 °C          | ✓                |
| Di-4196              | 1000Base-LX | 10 Gbps | 10km     | LC Duplex OM3 | 1310nm     | -40 to 85 °C          | ✓                |
| Di-4197              | 1000Base-LX | 10 Gbps | 10km     | LC Duplex OM3 | 1310nm     | -40 to 85 °C          | ✓                |
| Di-4198              | 1000Base-LX | 10 Gbps | 10km     | LC Duplex OM3 | 1310nm     | -40 to 85 °C          | ✓                |
| Di-4199              | 1000Base-LX | 10 Gbps | 10km     | LC Duplex OM3 | 1310nm     | -40 to 85 °C          | ✓                |
| Di-4200              | 1000Base-LX | 10 Gbps | 10km     | LC Duplex OM3 | 1310nm     | -40 to 85 °C          | ✓                |