# DIGITUS® HP-compatible SFP+ 10G SM 1310nm 10km with DDM

**DN-81201-01**

**EAN 4016032370031**

**10G SFP+ Module, Singlemode, DDM, HP-compatible LC Duplex Connector, 1310nm, up to 10km, HP**

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
- Supports DDM (Digital Diagnostic Monitoring)
- High quality and excellent reliability
- 10 Gbps Maximum Data Rate
- Compliant to IEEE802.3ae 10 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
- Wavelength: 1310nm
- Transmission Power: Minimum -8 dBm, Maximum -0,5 dBm
- Sensitivity Receiving Power: Minimum -12.5 dBm
- For a distance of up to 10,0km
- Safe fast-locking mechanism
- Operating temperature: 0 °C ~ 70 °C
- HP compatible
- HP-Aruba compatible

**Attributes**

- Mode: Singlemode
- Connector: LC
- Distance (km): 10
- Wavelength: 1310 nm
- DDM Support: yes
- Broadcasting Mode: Unidirectional
- Manufacturer compatibility: HP
- Ethernet speed: 10 Gigabit

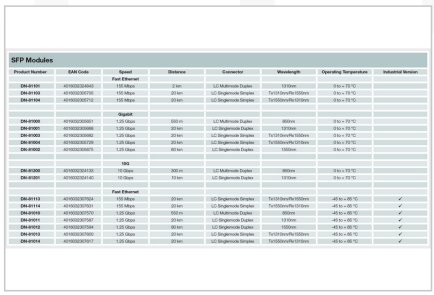
**Package contents**

- SFP module

**Logistics**

| | Number (pcs) | Weight (kg) | Depth (cm) | Width (cm) | Height (cm) | cm³ |
|---|---|---|---|---|---|---|
| **Packaging Unit Carton** | 20 | 2.00 | 41.00 | 26.00 | 16.00 | 17,056.00 |
| **Packaging Unit Inside** | 1 | 0.10 | 3.00 | 11.50 | 9.00 | 310.50 |
| **Packaging Unit Single** | 1 | 0.10 | 3.00 | 11.50 | 9.00 | 310.50 |
| **Net single without Packaging** | 1 | 0.08 | 3.00 | 11.50 | 9.00 | 310.50 |

**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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