

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

DN-81004

EAN 4016032305729



### 1.25 Gbps SFP Module, Singlemode, BiDi LC Simplex, Tx1550nm/Rx1310nm, up to 20km

DIGITUS® Mini GBIC (SFP) is a high-speed optical module designed for long-distance transmission. It features a BiDi LC Simplex connector and is compatible with various network equipment. The module is designed for 1.25 Gbps transmission over singlemode fiber, with a maximum distance of 20 km. It is compliant with IEEE 802.3z and EN 60825-1 standards. The module is available in a Plug and Play configuration, making it easy to install and use. The module is compatible with a wide range of network equipment, including Cisco, Hirschmann, and others. The module is designed for high reliability and long service life. The module is available in a 20-pin configuration. The module is designed for 0-70 °C operation. The module is available in a 3.3V configuration. The module is designed for singlemode operation. The module is compatible with LC connectors. The module is designed for 20 km transmission. The module is compatible with 1550/1310 nm wavelengths. The module is designed for no DDM support. The module is compatible with Biidirectional broadcasting mode. The module is compatible with Universal (MSA), Cisco, and other manufacturers. The module is designed for Gigabit Ethernet speed.

#### Plug and Play

- Mini GBIC SFP (Singlemode, BiDi LC Simplex)
- Compatible with various network equipment: Allied Telesis, Hirschmann, Cisco, , D-Link, Edimax, Hirschmann, Intellinet, KTI Networks, Level One, Netgear, PLANET, Tenda, TP-Link, TRENDnet, ZyXEL, ZTE
- WDM – Wavelength Division Multiplexing
- Distance: up to 20 km
- Speed: 1.25 Gbps
- Compliant with IEEE 802.3z
- Compliant with EN 60825-1
- Plug and Play configuration
- MSA (Multi-Source Agreement) compatible
- LC connector
- 1.25 Gbps transmission
- Tx 1550 nm / Rx 1310 nm

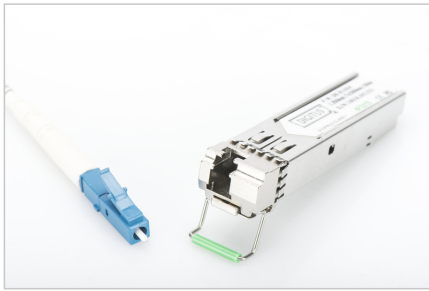
- Mode: Singlemode
- Connector: LC
- Distance (km): 20
- Wavelength: 1550/1310 nm
- DDM Support: no
- Broadcasting Mode: Biidirectional
- Manufacturer compatibility: Universal (MSA), Cisco
- Ethernet speed: Gigabit

#### Package contents

- 1 x SFP

| Logistics                    |              |             |            |            |             |                 |
|------------------------------|--------------|-------------|------------|------------|-------------|-----------------|
|                              | Number (pcs) | Weight (kg) | Depth (cm) | Width (cm) | Height (cm) | cm <sup>3</sup> |
| 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        | 9.00       | 11.50      | 3.00        | 310.50          |
| Net single without Packaging | 1            | 0.00        | 0.00       | 0.00       | 0.00        | 0.00            |

More images:



| Part Number          | Rate        | Speed   | Distance | Connector | Wavelength | Operating Temperature | Industrial Model |
|----------------------|-------------|---------|----------|-----------|------------|-----------------------|------------------|
| <b>SFP Modules</b>   |             |         |          |           |            |                       |                  |
| <b>Fast Ethernet</b> |             |         |          |           |            |                       |                  |
| DS-4910              | 10/100/1000 | 10 Gbps | 10km     | LC        | 1310nm     | 0 to 70 °C            |                  |
| DS-4911              | 10/100/1000 | 10 Gbps | 10km     | LC        | 1550nm     | 0 to 70 °C            |                  |
| DS-4912              | 10/100/1000 | 10 Gbps | 10km     | LC        | 1310nm     | 0 to 70 °C            |                  |
| <b>10G SFP</b>       |             |         |          |           |            |                       |                  |
| DS-4913              | 10/100/1000 | 10 Gbps | 10km     | LC        | 1310nm     | 0 to 70 °C            |                  |
| DS-4914              | 10/100/1000 | 10 Gbps | 10km     | LC        | 1550nm     | 0 to 70 °C            |                  |
| DS-4915              | 10/100/1000 | 10 Gbps | 10km     | LC        | 1310nm     | 0 to 70 °C            |                  |
| DS-4916              | 10/100/1000 | 10 Gbps | 10km     | LC        | 1550nm     | 0 to 70 °C            |                  |
| DS-4917              | 10/100/1000 | 10 Gbps | 10km     | LC        | 1310nm     | 0 to 70 °C            |                  |
| DS-4918              | 10/100/1000 | 10 Gbps | 10km     | LC        | 1550nm     | 0 to 70 °C            |                  |
| DS-4919              | 10/100/1000 | 10 Gbps | 10km     | LC        | 1310nm     | 0 to 70 °C            |                  |
| DS-4920              | 10/100/1000 | 10 Gbps | 10km     | LC        | 1550nm     | 0 to 70 °C            |                  |
| DS-4921              | 10/100/1000 | 10 Gbps | 10km     | LC        | 1310nm     | 0 to 70 °C            |                  |
| DS-4922              | 10/100/1000 | 10 Gbps | 10km     | LC        | 1550nm     | 0 to 70 °C            |                  |
| DS-4923              | 10/100/1000 | 10 Gbps | 10km     | LC        | 1310nm     | 0 to 70 °C            |                  |
| DS-4924              | 10/100/1000 | 10 Gbps | 10km     | LC        | 1550nm     | 0 to 70 °C            |                  |
| DS-4925              | 10/100/1000 | 10 Gbps | 10km     | LC        | 1310nm     | 0 to 70 °C            |                  |
| DS-4926              | 10/100/1000 | 10 Gbps | 10km     | LC        | 1550nm     | 0 to 70 °C            |                  |
| DS-4927              | 10/100/1000 | 10 Gbps | 10km     | LC        | 1310nm     | 0 to 70 °C            |                  |
| DS-4928              | 10/100/1000 | 10 Gbps | 10km     | LC        | 1550nm     | 0 to 70 °C            |                  |
| DS-4929              | 10/100/1000 | 10 Gbps | 10km     | LC        | 1310nm     | 0 to 70 °C            |                  |
| DS-4930              | 10/100/1000 | 10 Gbps | 10km     | LC        | 1550nm     | 0 to 70 °C            |                  |
| DS-4931              | 10/100/1000 | 10 Gbps | 10km     | LC        | 1310nm     | 0 to 70 °C            |                  |
| DS-4932              | 10/100/1000 | 10 Gbps | 10km     | LC        | 1550nm     | 0 to 70 °C            |                  |
| DS-4933              | 10/100/1000 | 10 Gbps | 10km     | LC        | 1310nm     | 0 to 70 °C            |                  |
| DS-4934              | 10/100/1000 | 10 Gbps | 10km     | LC        | 1550nm     | 0 to 70 °C            |                  |
| DS-4935              | 10/100/1000 | 10 Gbps | 10km     | LC        | 1310nm     | 0 to 70 °C            |                  |
| DS-4936              | 10/100/1000 | 10 Gbps | 10km     | LC        | 1550nm     | 0 to 70 °C            |                  |
| DS-4937              | 10/100/1000 | 10 Gbps | 10km     | LC        | 1310nm     | 0 to 70 °C            |                  |
| DS-4938              | 10/100/1000 | 10 Gbps | 10km     | LC        | 1550nm     | 0 to 70 °C            |                  |
| DS-4939              | 10/100/1000 | 10 Gbps | 10km     | LC        | 1310nm     | 0 to 70 °C            |                  |
| DS-4940              | 10/100/1000 | 10 Gbps | 10km     | LC        | 1550nm     | 0 to 70 °C            |                  |
| DS-4941              | 10/100/1000 | 10 Gbps | 10km     | LC        | 1310nm     | 0 to 70 °C            |                  |
| DS-4942              | 10/100/1000 | 10 Gbps | 10km     | LC        | 1550nm     | 0 to 70 °C            |                  |
| DS-4943              | 10/100/1000 | 10 Gbps | 10km     | LC        | 1310nm     | 0 to 70 °C            |                  |
| DS-4944              | 10/100/1000 | 10 Gbps | 10km     | LC        | 1550nm     | 0 to 70 °C            |                  |
| DS-4945              | 10/100/1000 | 10 Gbps | 10km     | LC        | 1310nm     | 0 to 70 °C            |                  |
| DS-4946              | 10/100/1000 | 10 Gbps | 10km     | LC        | 1550nm     | 0 to 70 °C            |                  |
| DS-4947              | 10/100/1000 | 10 Gbps | 10km     | LC        | 1310nm     | 0 to 70 °C            |                  |
| DS-4948              | 10/100/1000 | 10 Gbps | 10km     | LC        | 1550nm     | 0 to 70 °C            |                  |
| DS-4949              | 10/100/1000 | 10 Gbps | 10km     | LC        | 1310nm     | 0 to 70 °C            |                  |
| DS-4950              | 10/100/1000 | 10 Gbps | 10km     | LC        | 1550nm     | 0 to 70 °C            |                  |
| DS-4951              | 10/100/1000 | 10 Gbps | 10km     | LC        | 1310nm     | 0 to 70 °C            |                  |
| DS-4952              | 10/100/1000 | 10 Gbps | 10km     | LC        | 1550nm     | 0 to 70 °C            |                  |
| DS-4953              | 10/100/1000 | 10 Gbps | 10km     | LC        | 1310nm     | 0 to 70 °C            |                  |
| DS-4954              | 10/100/1000 | 10 Gbps | 10km     | LC        | 1550nm     | 0 to 70 °C            |                  |
| DS-4955              | 10/100/1000 | 10 Gbps | 10km     | LC        | 1310nm     | 0 to 70 °C            |                  |
| DS-4956              | 10/100/1000 | 10 Gbps | 10km     | LC        | 1550nm     | 0 to 70 °C            |                  |
| DS-4957              | 10/100/1000 | 10 Gbps | 10km     | LC        | 1310nm     | 0 to 70 °C            |                  |
| DS-4958              | 10/100/1000 | 10 Gbps | 10km     | LC        | 1550nm     | 0 to 70 °C            |                  |
| DS-4959              | 10/100/1000 | 10 Gbps | 10km     | LC        | 1310nm     | 0 to 70 °C            |                  |
| DS-4960              | 10/100/1000 | 10 Gbps | 10km     | LC        | 1550nm     | 0 to 70 °C            |                  |
| DS-4961              | 10/100/1000 | 10 Gbps | 10km     | LC        | 1310nm     | 0 to 70 °C            |                  |
| DS-4962              | 10/100/1000 | 10 Gbps | 10km     | LC        | 1550nm     | 0 to 70 °C            |                  |
| DS-4963              | 10/100/1000 | 10 Gbps | 10km     | LC        | 1310nm     | 0 to 70 °C            |                  |
| DS-4964              | 10/100/1000 | 10 Gbps | 10km     | LC        | 1550nm     | 0 to 70 °C            |                  |
| DS-4965              | 10/100/1000 | 10 Gbps | 10km     | LC        | 1310nm     | 0 to 70 °C            |                  |
| DS-4966              | 10/100/1000 | 10 Gbps | 10km     | LC        | 1550nm     | 0 to 70 °C            |                  |
| DS-4967              | 10/100/1000 | 10 Gbps | 10km     | LC        | 1310nm     | 0 to 70 °C            |                  |
| DS-4968              | 10/100/1000 | 10 Gbps | 10km     | LC        | 1550nm     | 0 to 70 °C            |                  |
| DS-4969              | 10/100/1000 | 10 Gbps | 10km     | LC        | 1310nm     | 0 to 70 °C            |                  |
| DS-4970              | 10/100/1000 | 10 Gbps | 10km     | LC        | 1550nm     | 0 to 70 °C            |                  |
| DS-4971              | 10/100/1000 | 10 Gbps | 10km     | LC        | 1310nm     | 0 to 70 °C            |                  |
| DS-4972              | 10/100/1000 | 10 Gbps | 10km     | LC        | 1550nm     | 0 to 70 °C            |                  |
| DS-4973              | 10/100/1000 | 10 Gbps | 10km     | LC        | 1310nm     | 0 to 70 °C            |                  |
| DS-4974              | 10/100/1000 | 10 Gbps | 10km     | LC        | 1550nm     | 0 to 70 °C            |                  |
| DS-4975              | 10/100/1000 | 10 Gbps | 10km     | LC        | 1310nm     | 0 to 70 °C            |                  |
| DS-4976              | 10/100/1000 | 10 Gbps | 10km     | LC        | 1550nm     | 0 to 70 °C            |                  |
| DS-4977              | 10/100/1000 | 10 Gbps | 10km     | LC        | 1310nm     | 0 to 70 °C            |                  |
| DS-4978              | 10/100/1000 | 10 Gbps | 10km     | LC        | 1550nm     | 0 to 70 °C            |                  |
| DS-4979              | 10/100/1000 | 10 Gbps | 10km     | LC        | 1310nm     | 0 to 70 °C            |                  |
| DS-4980              | 10/100/1000 | 10 Gbps | 10km     | LC        | 1550nm     | 0 to 70 °C            |                  |
| DS-4981              | 10/100/1000 | 10 Gbps | 10km     | LC        | 1310nm     | 0 to 70 °C            |                  |
| DS-4982              | 10/100/1000 | 10 Gbps | 10km     | LC        | 1550nm     | 0 to 70 °C            |                  |
| DS-4983              | 10/100/1000 | 10 Gbps | 10km     | LC        | 1310nm     | 0 to 70 °C            |                  |
| DS-4984              | 10/100/1000 | 10 Gbps | 10km     | LC        | 1550nm     | 0 to 70 °C            |                  |
| DS-4985              | 10/100/1000 | 10 Gbps | 10km     | LC        | 1310nm     | 0 to 70 °C            |                  |
| DS-4986              | 10/100/1000 | 10 Gbps | 10km     | LC        | 1550nm     | 0 to 70 °C            |                  |
| DS-4987              | 10/100/1000 | 10 Gbps | 10km     | LC        | 1310nm     | 0 to 70 °C            |                  |
| DS-4988              | 10/100/1000 | 10 Gbps | 10km     | LC        | 1550nm     | 0 to 70 °C            |                  |
| DS-4989              | 10/100/1000 | 10 Gbps | 10km     | LC        | 1310nm     | 0 to 70 °C            |                  |
| DS-4990              | 10/100/1000 | 10 Gbps | 10km     | LC        | 1550nm     | 0 to 70 °C            |                  |
| DS-4991              | 10/100/1000 | 10 Gbps | 10km     | LC        | 1310nm     | 0 to 70 °C            |                  |
| DS-4992              | 10/100/1000 | 10 Gbps | 10km     | LC        | 1550nm     | 0 to 70 °C            |                  |
| DS-4993              | 10/100/1000 | 10 Gbps | 10km     | LC        | 1310nm     | 0 to 70 °C            |                  |
| DS-4994              | 10/100/1000 | 10 Gbps | 10km     | LC        | 1550nm     | 0 to 70 °C            |                  |
| DS-4995              | 10/100/1000 | 10 Gbps | 10km     | LC        | 1310nm     | 0 to 70 °C            |                  |
| DS-4996              | 10/100/1000 | 10 Gbps | 10km     | LC        | 1550nm     | 0 to 70 °C            |                  |
| DS-4997              | 10/100/1000 | 10 Gbps | 10km     | LC        | 1310nm     | 0 to 70 °C            |                  |
| DS-4998              | 10/100/1000 | 10 Gbps | 10km     | LC        | 1550nm     | 0 to 70 °C            |                  |
| DS-4999              | 10/100/1000 | 10 Gbps | 10km     | LC        | 1310nm     | 0 to 70 °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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