

# 1000Base-LR, 1310nm SMF SingleMode Fiber Optic 20KM



## Product Highlights

- 1000BASE-LR SFP to LC Optical Gigabit Ethernet Fiber transceiver module, 1.25G Singlemode MiniGBIC SFP(supports OS1/OS2/OS3 fiber cables), Duplex LC connector, 1310nm, DDM, up to 20km.
- Compatible with Cisco GLC-LH-SMD/GLC-LH-SM/SFP-GE-L, Meraki MA-SFP-1GB-LX10, Ubiquiti UniFi, Fortinet, Mikrotik, D-Link, Supermicro, Netgear, TP-Link TL-SM311LS and Other Open Switches. Widely support Gigabit Ethernet, Fiber Channel, Other Optical Links and other devices.
- Easy installation, plug and play, fully hot-pluggable with ESD protection.
- Widely used in fiber switches, routers, NIC, server or other fiber optic equipments with 1Gbps SFP ports. SFP MSA Compliant, IEEE 802.3ab Compliant.
- DDM allows you to monitor the critical information concerning the status of the transmitted and received signals of the transceivers in real-time to find out some potential problems.
- Industrial: -40 to +85°C

## Hardware Features

| Description          | Specification                       |
|----------------------|-------------------------------------|
| Model                | ISFP-125-1310-20                    |
| Interface            | Duplex LC                           |
| Port Standard        | Compliant With SFP MSA and SFF-8472 |
| Data Rate            | 1250Mbps                            |
| Center Wavelength    | 1310nm                              |
| Power Supply Voltage | 3.3V                                |
| Power Supply Current | 300mA                               |
| Transmit power (dbm) | -9~-3                               |
| Allowable link loss  | >9                                  |
| Received power (dBm) | -22~-3                              |
| Power Consumption    | <1W                                 |
| Output Eye Diagram   | Compliant with ITU-T G.957          |
| Operating Humidity   | 10% ~ 90% non-condensing            |
| Storage Humidity     | 5% ~ 90% non-condensing             |

## Product Structure Diagram LC Side Interface

