



155Mbps transceiver 1310nm FP-LD, (SMF 20km), Duplex LC

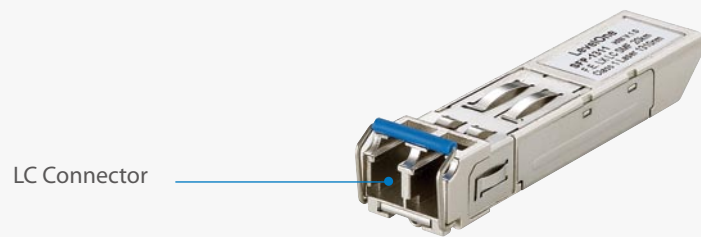


SFP-1311

H/W Version: 1

LevelOne SFP-1311 is a high performance and cost-effective single-mode SFP transceiver. Intended for use with 100BASE-FX, it provides up to 155 Mbps bi-directional data transfer rate on a single duplex fiber core. For use with 9-micron fiber cables, it can reach a distance of up to 20km.

The SFP-1311 transceiver operates using a wavelength of 1310nm with a FP-Laser Diode light source and has a LC connector.



Key Features

- 1310nm FP LD
- Data Rate: 155Mbps, NRZ
- Single +3.3V Power Supply
- RoHS Compliant and Lead-free
- AC/AC Differential Electrical Interface
- Compliant with Multi-Source Agreement (MSA) small Form Factor Pluggable (SFP)
- Duplex LC Connector
- Compliance with 100Base-FX of IEEE802.3u Standard
- Compliance with FDDI PMD Standard
- Compliance with ATM Standard
- Eye Safety Designed to meet LASER Class 1 comply with EN60825-1

Works Well With



GSW-0891

8-Port PoE Fast Ethernet TP
+ 2-Port Gigabit Combo L2
SNMP Switch

Technical Specifications

Standard Compliance

IEEE 802.3u

Data Rate

155Mbps

Media Type

SMF

Optical Transmission Power

-15 ~ -8 dBm

Optical Receiver Sensitivity

-32 dBm

Power Budget

17dB

Wavelength

1310nm

Transmission Range

up to 20km (9/125 μ m)

Connector

LC

Supply Voltage

3.3V

Max Voltage/Current

6V/300mA

Temperature

0°C ~70°C

Humidity

5~90% (non-condensing)

Dimensions (Lx W x H)

55.5mm x 14.45mm x 8.95mm

Certifications

Class 1 eye safety and comply with EN 60825-1

Application

SFP-1311

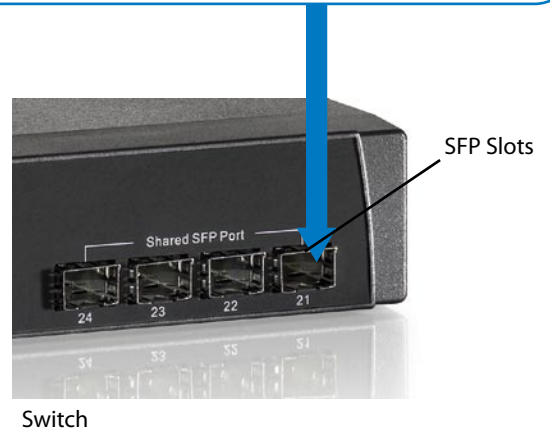
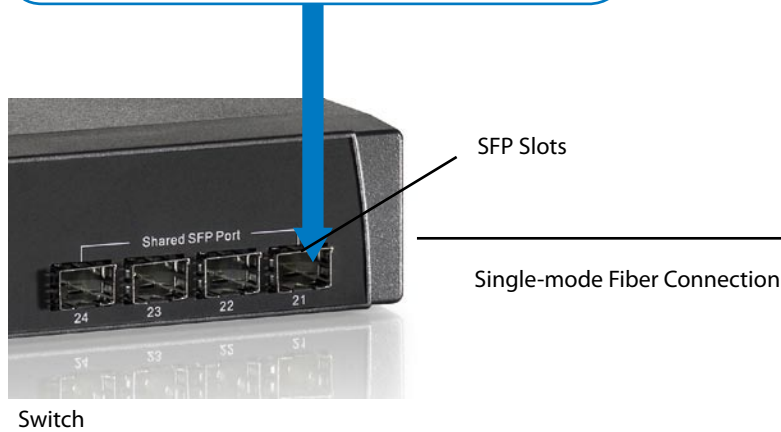


Mini-GBIC Transceiver 20km

SFP-1311



Mini-GBIC Transceiver 20km



Order Information

SFP-1311: 155Mbps transceiver 1310nm FP-LD, (SMF 20km), Duplex LC

Package Contents

SFP-1311

Related Product



SFP-3001
1.25 G transceiver 850nm
VCSEL, SX (MMF 500m),
Duplex LC



SFP-3111
1.25 G transceiver, 1310nm
MLX (MMF 2km), Duplex LC



SFP-3211
1.25 G transceiver , 1310 nm
FP-LD, LX (SMF 10m),
Duplex LC



SFP-3611
1.25 G transceiver , 1550nm
DFB-LD, ZX (SMF 80km),
Duplex LC



SFP-3711
1.25 G transceiver 1550nm
DFB-LD, EZX (SMF 120km),
Duplex LC



SFP-1101
155Mbps transceiver
1310nm FP/LED-LD,
(MMF 2km), Duplex LC



SFP-1311
155Mbps transceiver 1310nm
FP-LD, (SMF 20km),
Duplex LC



SFP-1411
155Mbps transceiver 1310nm
FP-LD, (SMF 40km), Duplex LC



SFP-7321
155Mbps BIDI,
(SM 20km1310/1550),
Simplex LC



SFP-7331
155Mbps BIDI, (SM
20km1550/1310),
Simplex LC



SFP-7421
155Mbps BIDI,
(SM 40km1310/1550),
Simplex LC



SFP-7431
155Mbps BIDI,
(SM 40km1550/1310),
Simplex LC



SFP-9221
1.25G BIDI, (SM 10km
1310/1550), Simplex LC



SFP-9231
1.25G BIDI, (SM 10km
1550/1310), Simplex LC



SFP-9321
1.25G BIDI, (SM 20km
1310/1550), Simplex LC



SFP-9331
1.25G BIDI, (SM 20km
1550/1310), Simplex LC



SFP-9421
1.25G BIDI, (SM 40km
1310/1550), Simplex LC



SFP-9431
1.25G BIDI, (SM 40km
1550/1310), Simplex LC



SFP-3841
1.25 G transceiver TX Copper
(100m), RJ-45 Type

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