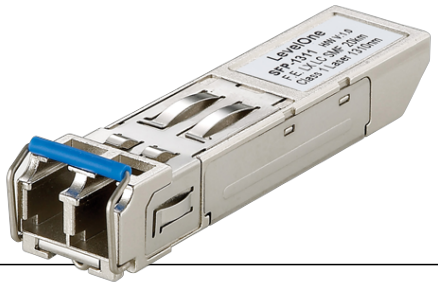
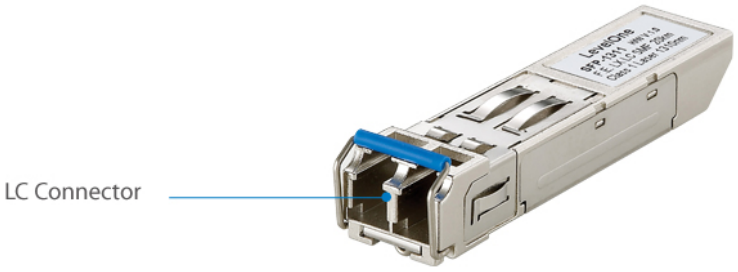
SFP-1311 Version: 1



155M SMF SFP Transceiver, 20km, 1310nm

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

Specifications

System Specifications

Connectors and Cabling:

Duplex LC Connector, Single-mode fiber(SMF)

Wavelength(nm):

1310nm FP Laser Diode

Transmit Power:
-15 ~ -8 dBm

Power Budget:
17 dB

Power:
Supply Voltage: 3.3V
Max Voltage/Current: 6V/300mA

Standards & Protocols:
IEEE802.3u 100Base-FX Standard

Receive Sensitivity(dBm):
-32 dBm

Features

General:
Hot-swappable

Performance

Data Transfer Rate:
1.25 Gbps Bi-directional data link

Operating Distance:
up to 20km (9/125?m)

Environment

Temperature (°C):
Operating: 0°C ~ 70°C
Storage: -40 ~ 85°C

Humidity (Non-condensing):
5 ~ 95%

Physical Specifications

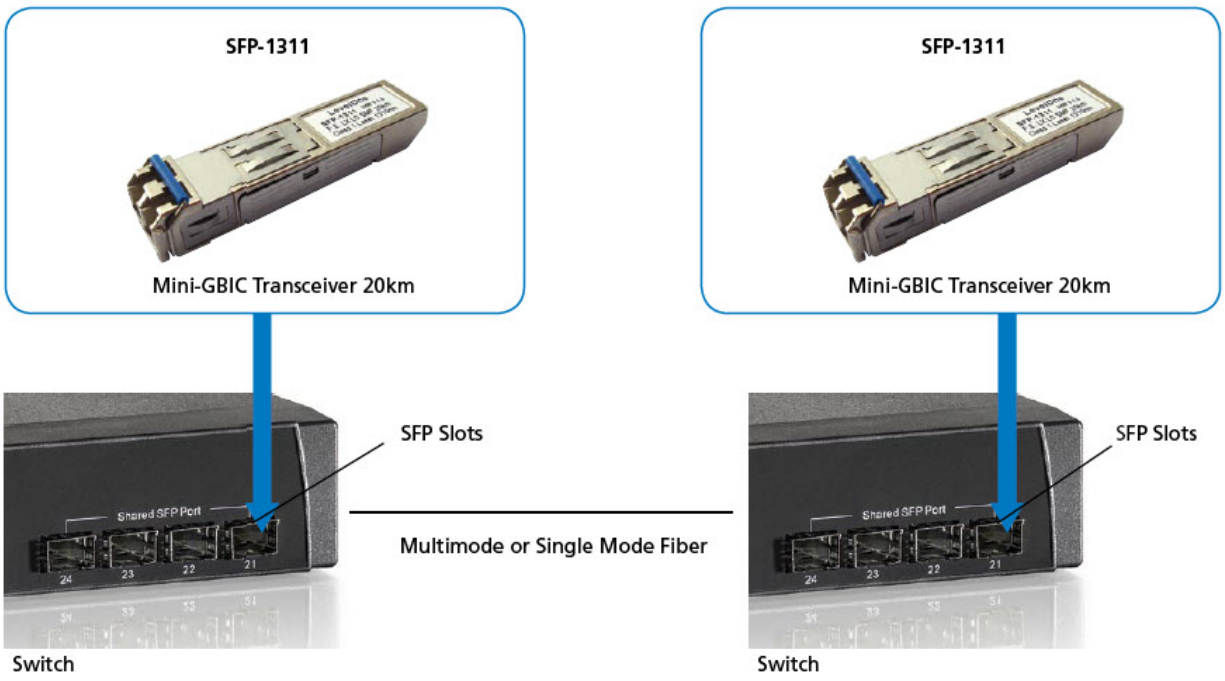
Dimensions (W x D x H mm):
13.7 x 56.5 x 8.95 mm

Weight (g):
20g

Others

Approval and Compliance:
Class 1 eye safety and comply with EN 60825-1
CE, FCC, RoHS

Diagram



Order Information

SFP-1311