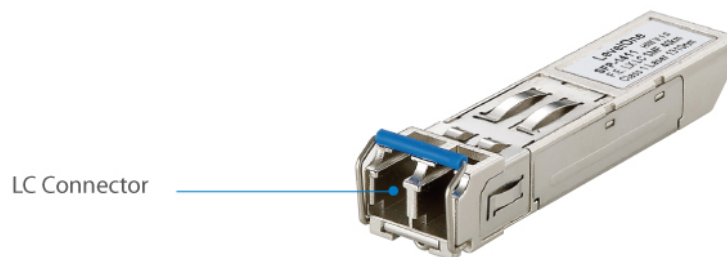


SFP-1411 Version: 1

155M SMF SFP Transceiver, 40km, 1310nm

LevelOne SFP-1411 is a high performance and costeffective 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 has increased transmission power to reach a distance of up to 40km.

The SFP-1411 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:

-5 ~ 0 dBm

Power Budget:

29 dB

Power:

Supply Voltage: 3.3V

Max Voltage/Current: 6V/300mA

Standards & Protocols:

IEEE802.3u 100Base-FX Standard

Receive Sensitivity(dBm):

-34 dBm

Features

General:

Hot-swappable

Performance

Data Transfer Rate:

1.25 Gbps Bi-directional data link

Operating Distance:

up to 40km (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

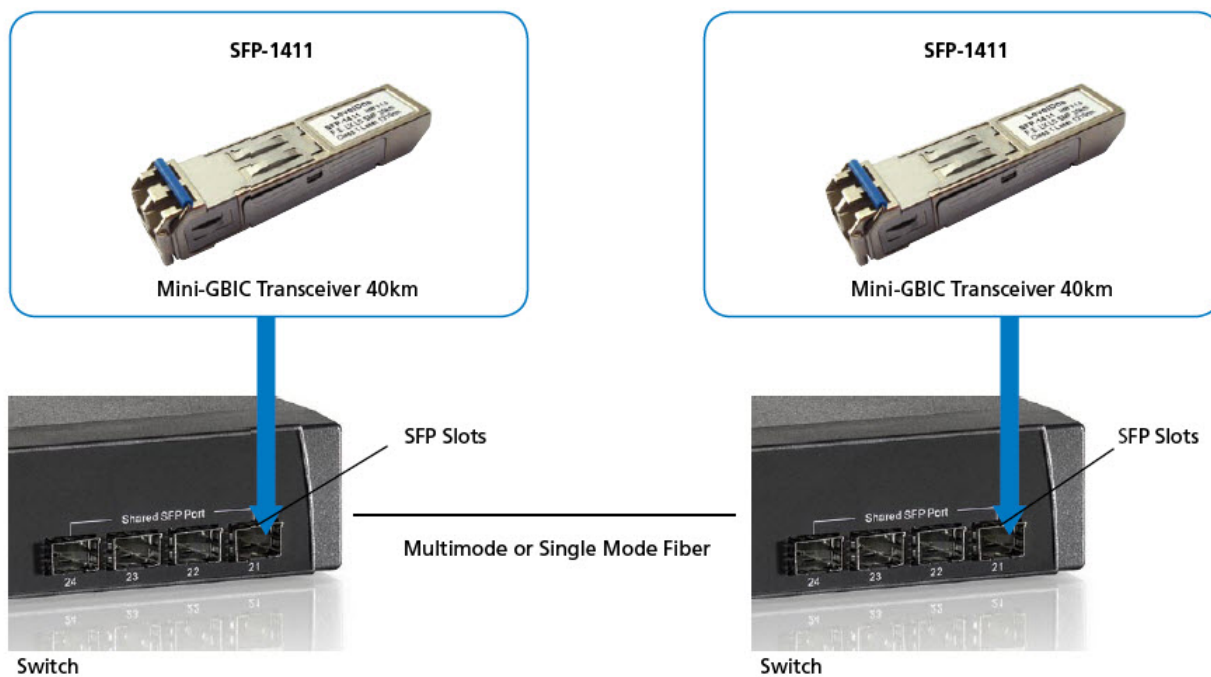
Others

Approval and Compliance:

Class 1 eye safety and comply with EN 60825-1

CE, FCC, RoHS

Diagram



Order Information

SFP-1411



All mentioned brand names are registered trademarks and property of their owners.
Copyright © Digital Data Communications GmbH, Germany. All Rights Reserved.