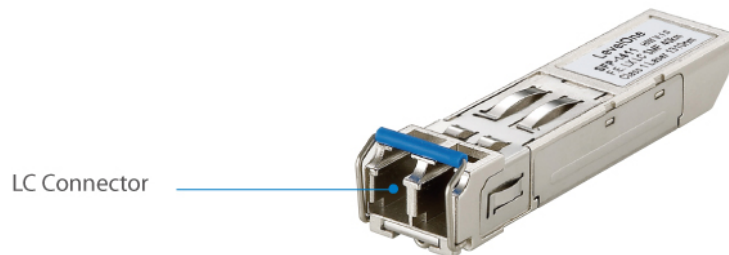


SFP-1411 Version: 1

## 155M SMF SFP Transceiver, 40km, 1310nm

LevelOne SFP-1411 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 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

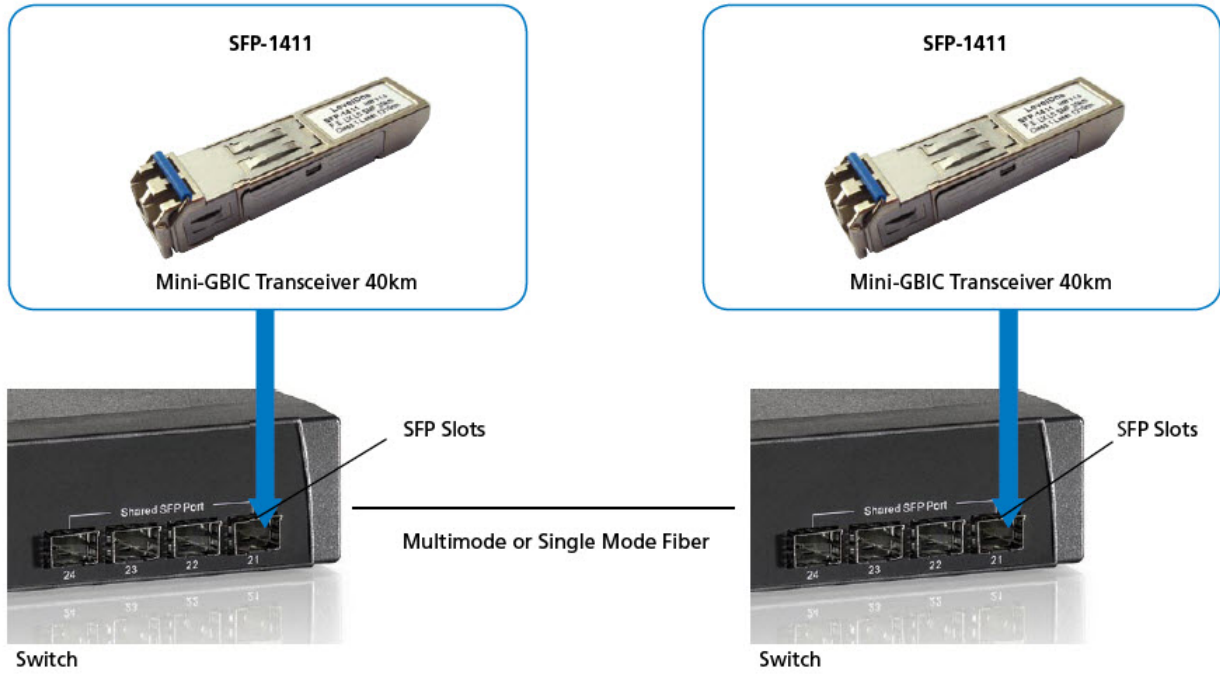
## Others

**Approval and Compliance:**

Class 1 eye safety and comply with EN 60825-1

CE, FCC, RoHS

## Diagram



## Order Information

SFP-1411



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