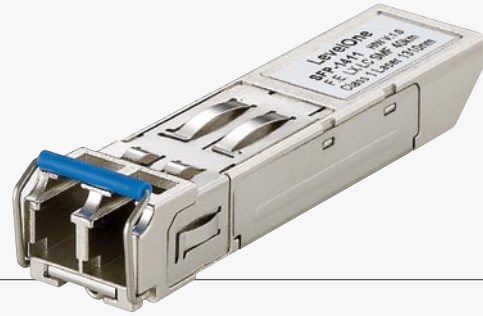




## 155Mbps transceiver 1310nm FP-LD, (SMF 40km), Duplex LC

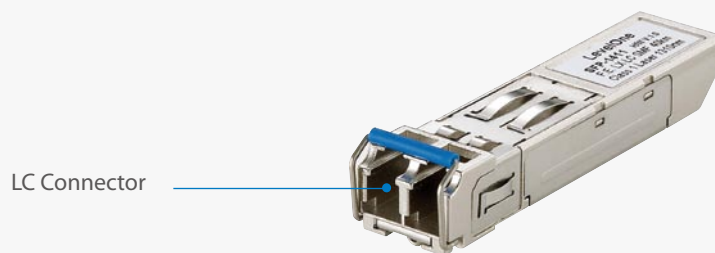


SFP-1411

### H/W Version: 1

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

### 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

-5 ~ 0 dBm

### Optical Receiver Sensitivity

-34 dBm

### Power Budget

29dB

### Wavelength

1310nm

### Transmission Range

up to 40km (9/125μm)

### 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)

56.5mm x 13.7mm x 8.95mm

### Certifications

Class 1 eye safety and comply with EN 60825-1

## Application

SFP-1411

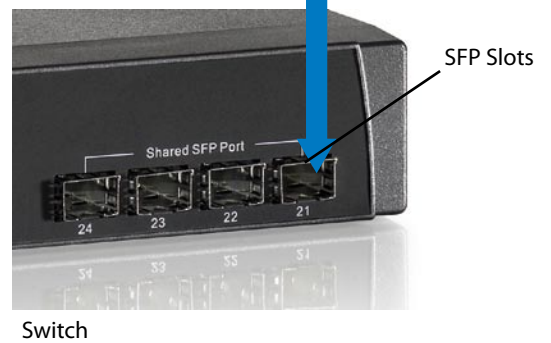
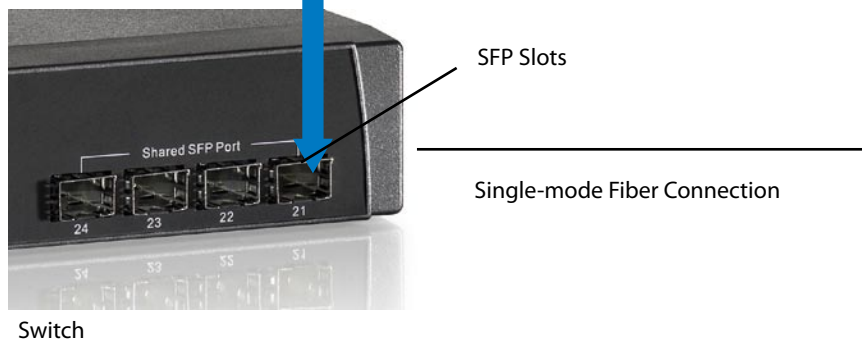


Mini-GBIC Transceiver 40km

SFP-1411



Mini-GBIC Transceiver 40km



### Order Information

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

### Package Contents

SFP-1411

## 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