



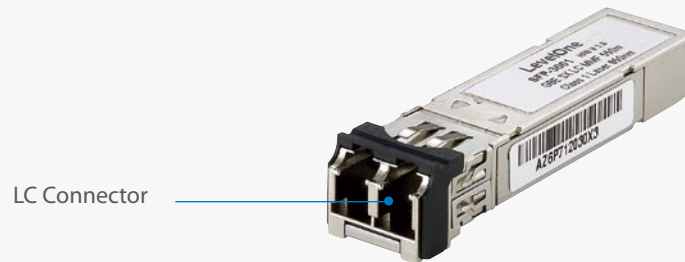
1.25G transceiver 850nm VCSEL, SX (MMF 500m), Duplex LC



SFP-3001

H/W Version: 1

LevelOne SFP-3001 is a high performance and cost-effective multi-mode SFP transceiver. Intended for use with Gigabit Ethernet, it provides up to 1.25 Gbps bi-directional data transfer rate on a single duplex fiber core. For use with 50 and 62.5 micron fiber cables, it can reach a distance of up to 550 meters.



LC Connector

Key Features

- 850nm VCSEL
- Data Rate: 1.25Gbps
- Single +3.3V Power Supply
- RoHS Compliant and Lead-free
- AC/AC Differential Electrical Interface
- Compliant with Multi-Source Agreement (MSA)
- Duplex LC Connector
- Compliance with specifications for IEEE-802.3z Gigabit Ethernet at 1.25Gbps
- Compliance with ANSI specifications for Fiber Channel applications at 1.06bps
- No configuration or installation software required
- Eye Safety Designed to meet LASER Class 1 comply with EN60825-1

Works Well With



Switch

All LevelOne Switches with SFP Slots



Media Converter

All LevelOne Media Converter with SFP Slots

Technical Specifications

Standard Compliance

IEEE 802.3z

Data Rate Gigabit

1.25G

Data Rate Fiber Channel

1.06Gbps

Media Type

MMF

Optical Transmission Power

-9 ~ -1.1 dBm

Optical Receiver Sensitivity

-17 dBm

Power Budget

8dB

Wavelength

850nm

Transmission Range

up to 550m (50/125 μ m), 275m (62.5/125 μ m)

Connector

LC

Supply Voltage

3.3V

Max Voltage/Current

6V/240mA

Temperature

0°C ~70°C

Humidity

5~90% (non-condensing)

Dimensions (Lx W x H)

55.5mm x 14.45mm x 8.5mm

Certifications

Class 1 eye safety and comply with EN 60825-1

Application

SFP-3001



Mini-GBIC Transceiver 500m

SFP-3001



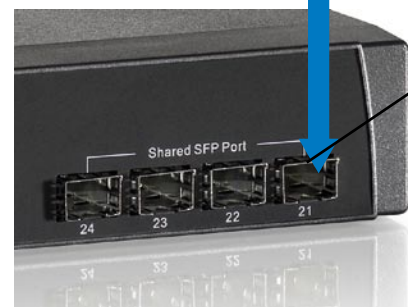
Mini-GBIC Transceiver 500m



SFP Slots

Multi-mode Fiber Connection

Switch



SFP Slots

Switch

Order Information

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

Package Contents

SFP-3001

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