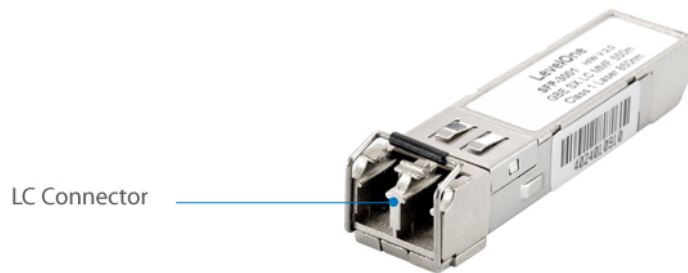


SFP-3001 Version: 2

1.25G MMF SFP Transceiver, 550m, 850nm

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 bidirectional 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.



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 1.06Gbps
 - No configuration or installation software required
 - Eye Safety Designed to meet LASER Class 1 comply with EN60825-1
-

Related Product



GVT-4000

10/100/1000BASE-T to 1000BASE-X SFP Converter



Specifications

System Specifications

Connectors and Cabling:

Duplex LC Connector, Multimode fiber(MMF)

Wavelength(nm):

850nm VCSEL Laser Diode

Transmit Power:

-9.5 ~ -3 dBm

Power Budget:

7.5 dB

Power:

Supply Voltage: 3.3V

Max Voltage/Current: 6V/300mA

Standards & Protocols:

IEEE 802.3z Gigabit Ethernet

SFP Multi-Sourcing Agreement(MSA)

Receive Sensitivity(dBm):

-17 dBm

Features

General:

Hot-swappable

Performance

Data Transfer Rate:

1.25 Gbps Bi-directional data link

Operating Distance:

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

Fiber channel up to 1.06Gbps

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

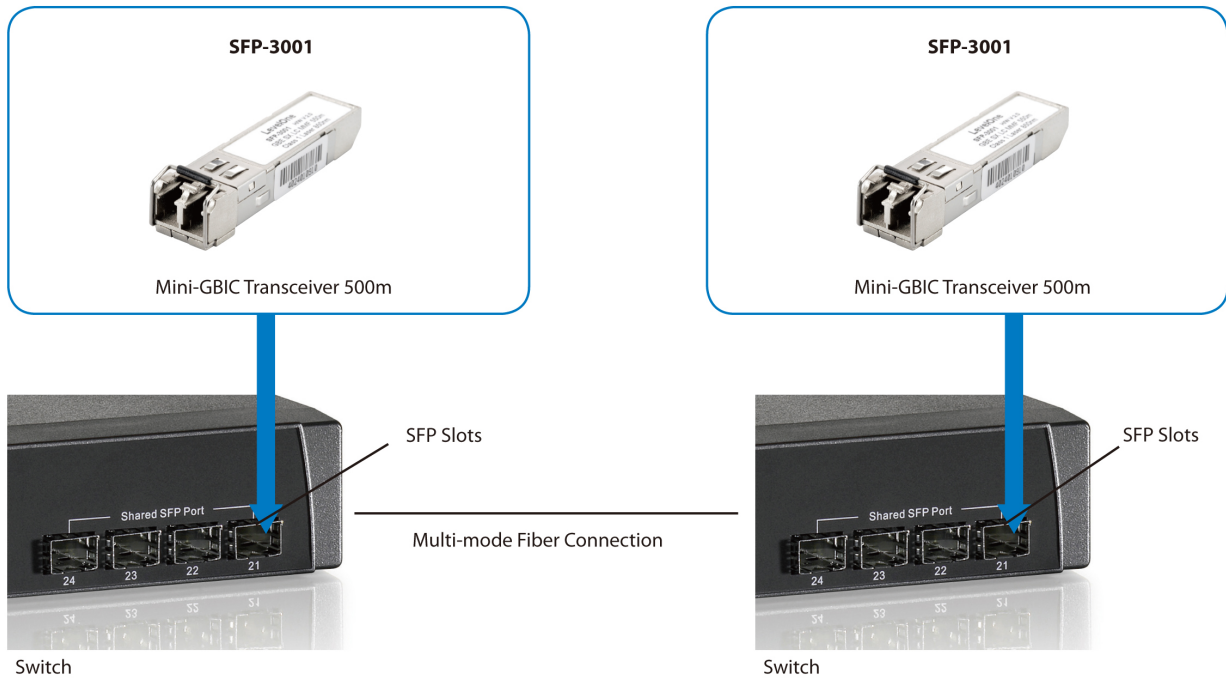
Others

Approval and Compliance:

Class 1 eye safety and comply with EN 60825-1

CE, FCC, RoHS

Diagram



Order Information

SFP-3001



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