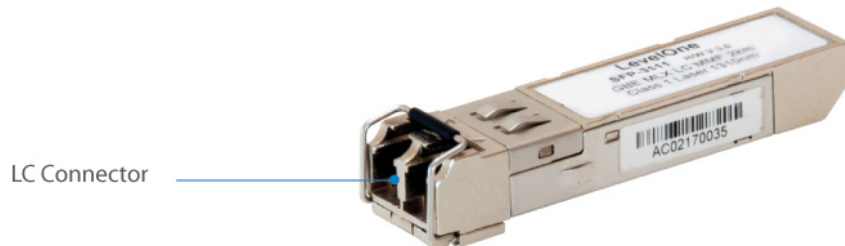


SFP-3111 Version: 3

1.25Gbps Multi-mode SFP Transceiver, 2km, 1310nm

LevelOne SFP-3111 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 2km. The SFP-3111 transceiver operates using a wavelength of 1310nm with a FP LD Laser Diode light source and has a LC connector.



Key Features

- 1310nm FP LD
- Data Rate: 1.25Gbps, 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 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



Specifications

System Specifications

Standards & Protocols:

IEEE 802.3z Gigabit Ethernet
SFP Multi-Sourcing Agreement(MSA)

Connectors and Cabling:

Duplex LC Connector, Multimode fiber(MMF)

Wavelength (nm):

1310nm FP Laser Diode

Optical Receive Sensitivity:

-23 dBm

Optical Link Power Budget:

13.5 dB

Power Input:

Supply Voltage: 3.3V
Max Voltage/Current: 6V/300mA

Data Transfer Rate:

1.25 Gbps Bi-directional data link

Optical Transmission Power:

-9.5 ~ +1 dBm

Features

General:

Hot-swappable

Performance

Operating Distance:

up to 2km (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):

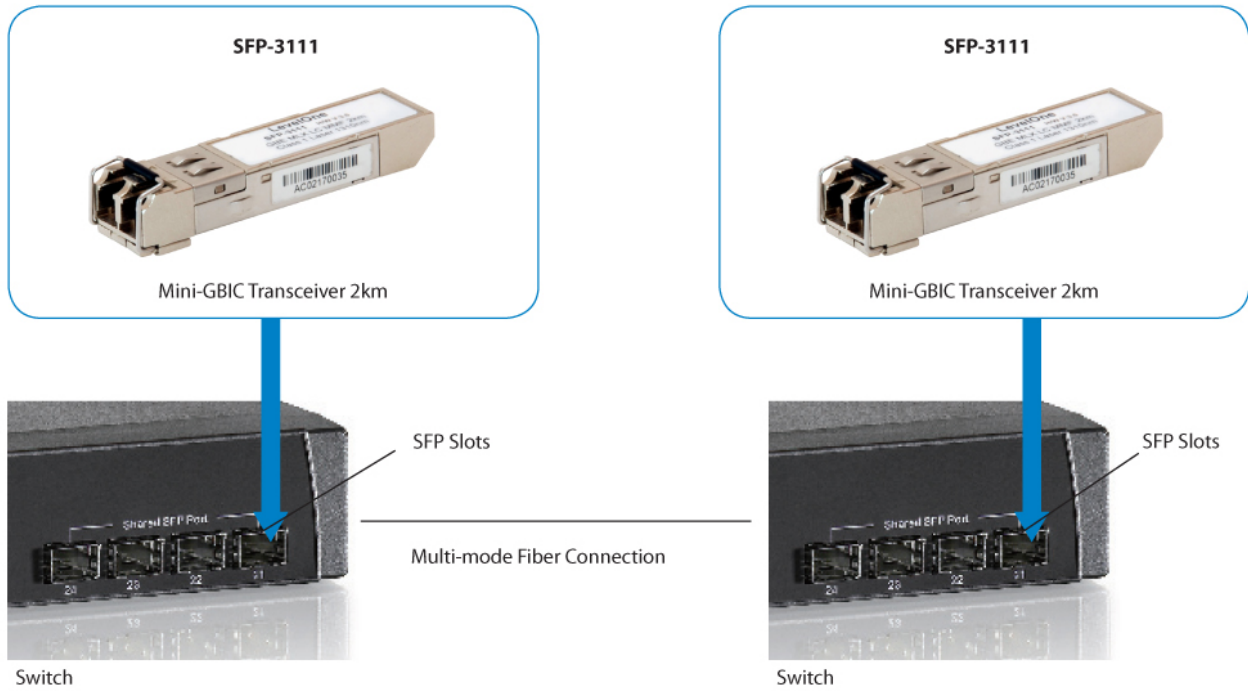
20g

Approval and Compliance

EMI/EMS:

Class 1 eye safety and comply with EN 60825-1
CE, FCC, RoHS

Diagram



Order Information

SFP-3111

Package Contents

SFP-3111

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