



10G transceiver 1310nm DFB-LD, LR (SMF 10km), Duplex LC



XFP-5211

H/W Version: 1

LevelOne XFP-5211 a high performance single-mode XFP transceiver. Intended for 10GBASE-LR applications, it provides up to 10 Gbps bi-directional data transfer rate on a single duplex fiber core with 802.3x Flow Control. For use with 9 micron fiber cables, it can reach a distance of up to 10km and operate within temperatures of -5°C ~75°C.

The XFP-5211 transceiver operates using a wavelength of 1310nm with a DFB Laser Diode light source and has a LC connector.

LC Connector



Key Features

- 10Gbps serial optical interface compliant to 802.3ae
- Uncooled 1310nm DFB transmitter and Pin photodiode receiver
- XFP Mechanical interface with bail latch and hot pluggable
- XFI High Speed Electrical Interface
- 2-wire interface for management and digital diagnostic monitor
- Low Power Consumption, Single +3.3V Power supply
- Operating case temperature: -5°C~75°C
- All-metal housing for superior EMI performance
- Advanced firmware allow customer system encryption information to be stored in transceiver

Works Well With

GTL-2690

20 GE and 4 GE/SFP combo L3
SNMP Switch and 2 slots for
optional 10GE modues

Technical Specifications

Standard Compliance

IEEE 802.3ae 10GBASE

Data Rate Gigabit

10G

Media Type

SMF

Average Optical Power

-8 ~ 0 dBm

Stressed Sensitivity (OMA)

-10.3 dBm

Power Budget

2.3dB

Wavelength

1310nm

Transmission Range

10km

Connector

LC

Supply Voltage

3.3V

Max Voltage/Current

3.5V/550mA

Temperature

-5°C ~75°C

Humidity

5~85% (non-condensing)

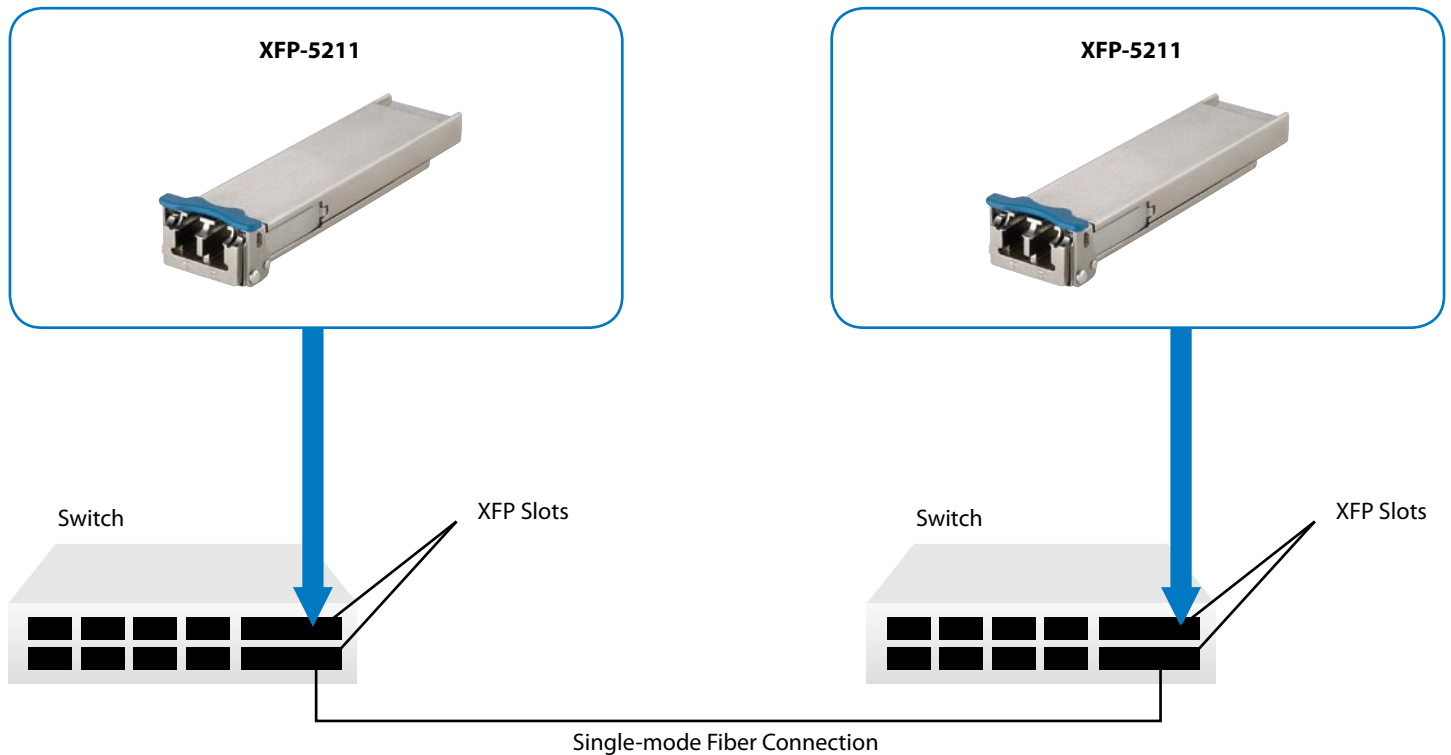
Dimensions (Lx W x H)

78mm x 22.15mm x 14mm

Certifications

Class 1 eye safety and comply with EN 60825-1

Application



Order Information

XFP-5211: 10G transceiver 1310nm DFB-LD, LR (SMF 10km), Duplex LC

Package Contents

XFP-5211

Related Product



XFP-5901

10 G transceiver 850nm
VCSEL SR (MMF 300m),
Duplex LC