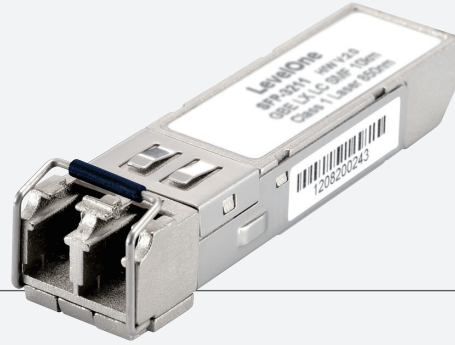




1.25G Single-mode SFP Transceiver (10km, 1310nm FP-LD)



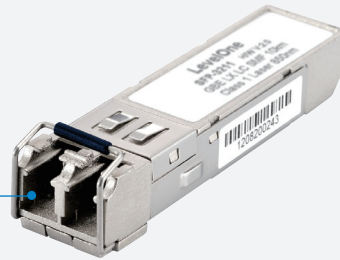
SFP-3211

H/W Version: 2

LevelOne SFP-3211 is a high performance and cost-effective single-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 9 micron fiber cables, it can reach a distance of up to 10km.

The SFP-3211 transceiver operates using a wavelength of 1310nm with a FP Laser Diode light source and has a LC connector.

LC Connector



Key Features

- Provides duplex LC connector
- 1.25Gbps Bi-directional fiber link
- IEEE802.3z Gigabit Ethernet compliant
- 9/125µm single-mode fiber for operating distance of up to 10km
- 3.3V Single power supply
- Comply with SFP Multi-Sourcing Agreement (MSA) to work in MSA compliant devices
- Hot-swappable providing non-stop service
- RoHS compliant and Lead Free
- Operating temperature: 0°C ~ 70°C

Works Well With



Switch

All LevelOne Switches with SFP Slots



Media Converter

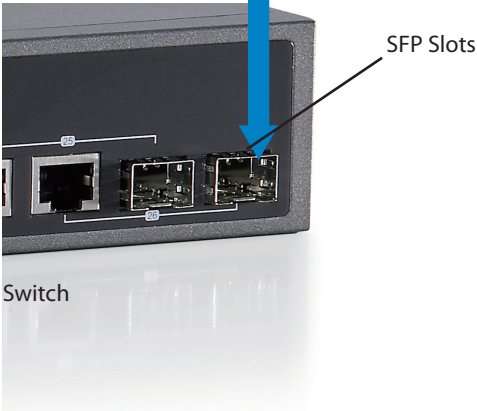
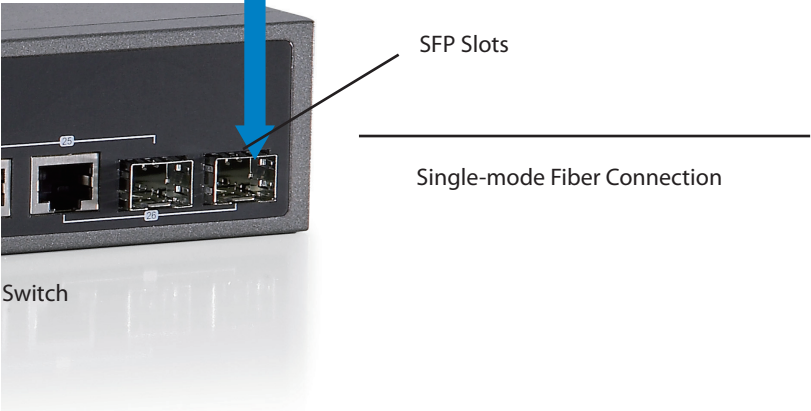
All LevelOne Media Converter with SFP Slots

Technical Specifications

Standard Compliance
IEEE 802.3z
Data Rate Gigabit
1.25G
Data Rate Fiber Channel
1.06Gbps
Media Type
SMF
Optical Transmission Power
-9.5 ~ -3 dBm
Optical Receiver Sensitivity
-21 dBm
Power Budget
11.5dB
Wavelength
1310nm
Transmission Range
up to 10km (9/125μm)

Connector
LC
Supply Voltage
3.3V
Max Voltage/Current
6V/300mA
Temperature
0°C ~70°C
Humidity
5~95%
Weight(g)
20g
Dimensions (Lx W x H)
56.5mm x 13.7mm x 8.95mm
Certifications
Class 1 eye safety and comply with EN 60825-1 added, CE, FCC, RoHS

Application



Order Information SFP-3211: 1.25G Single-mode SFP Transceiver (10km, 1310nm FP-LD)

Package Contents SFP-3211

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
1.25G Single-mode SFP
Transceiver (10km, 1310nm
FP-LD)



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