



1.25G transceiver TX Copper (100m), RJ-45 Type



SFP-3841

H/W Version: 1

LevelOne SFP-3841 is a Copper SFP transceiver that provides enhanced flexibility to system designers. It converts 1000BASE-X optical Ethernet port to a copper Ethernet port (1000-BASE-T) to support a transfer rate of up to 1.25 Gbps at a distance of up to 100 meters over unshielded twisted-pair category 5 cable.



Key Features

- Up to 1.25Gb/s bi-directional data links
- Hot-pluggable SFP footprint
- Extended cased temperature range (0°C to +70 °C)
- Fully metallic enclosure for low EMI
- Low power dissipation (1.05 W typical)
- Compact RJ-45 connector assembly
- Access to physical layer IC via 2-wire serial bus
- 1000 BASE-T operation in host systems with SERDES interface

Works Well With



Switch

All LevelOne Switches with SFP Slots



Media Converter

All LevelOne Media Converter with SFP Slots

Technical Specifications

Standard Compliance

IEEE 802.3ab

Data Rate Gigabit

1.25G

Data Rate Fiber Channel

1.06Gbps

Media Type

Cat. 5 Cable

Transmission Range

100m by Cat. 5 Cable

Connector

RJ-45

Supply Voltage

3.3V

Max Voltage/Current

4V/375mA

Temperature

0°C ~70°C

Humidity

5~90% (non-condensing)

Dimensions (Lx W x H)

68.5mm x 13.5mm x 9.5mm

Application

SFP-3841

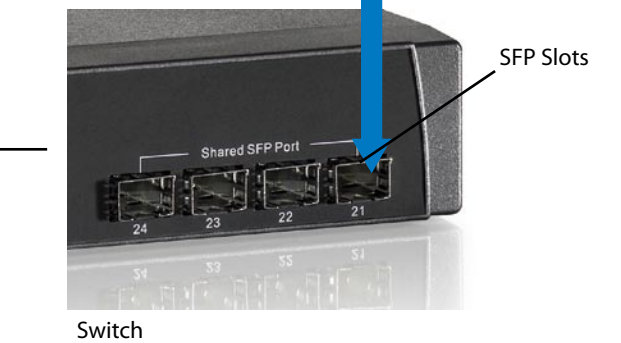
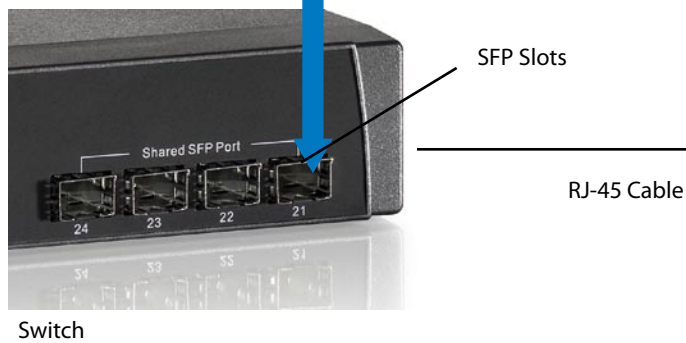


1000 BASE-Tx Copper

SFP-3841



1000 BASE-Tx Copper



Order Information

SFP-3841: 1.25G transceiver TX Copper (100m), RJ-45 Type

Package Contents

SFP-3841

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