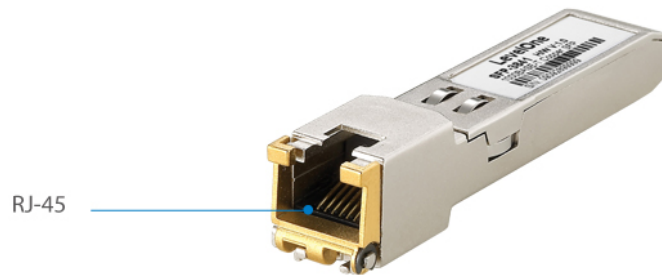


SFP-3841 Version: 1

1.25G Copper Transceiver, RJ-45, 100m

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 1.25Gbps 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

Specifications

System Specifications

Connectors and Cabling:

UTP Connector, Category 5

Power:

Supply Voltage: 3.3V

Max Voltage/Current: 4V/375mA

Standards & Protocols:

IEEE 802.3-2002 and IEEE 802.3ab



Features

General:

Hot-swappable

Performance

Data Transfer Rate:

1.25 Gbps Bi-directional data link

Operating Distance:

up to 100m (unshielded twisted-pair category 5 cable)

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):

13.84 x 68.55 x 13.4 mm

Weight (g):

30g

Others

Approval and Compliance:

CE, FCC, RoHS

Order Information

SFP-3841

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