



# LevelOne 1.25Gbps Copper SFP Transceiver, 100m, RJ45

Brand : LevelOne

Product code: SFP-3841

Product name : 1.25Gbps Copper SFP Transceiver, 100m, RJ45



1.25 Gbps, 100 m, RJ-45

## LevelOne 1.25Gbps Copper SFP Transceiver, 100m, RJ45:

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.



- 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



<b>Performance</b>		<b>Operational conditions</b>	
SFP transceiver type *	Copper	Storage temperature (T-T)	-40 - 85 °C
Maximum data transfer rate *	1250 Mbit/s	Operating relative humidity (H-H)	5 - 95%
Interface type *	SFP	<b>Weight &amp; dimensions</b>	
Maximum transfer distance	100 m	Width	57 mm
Networking standards	IEEE 802.3, IEEE 802.3ab	Depth	12 mm
Ethernet LAN (RJ-45) ports	1	Height	13.7 mm
<b>Features</b>		Weight	20 g
Hot-Plug support	✓	<b>Packaging data</b>	
Hot-swap	✓	Package width	106 mm
Country of origin	China	Package depth	20 mm
Certification	CE, FCC	Package height	65 mm
<b>Power</b>		Package weight	35 g
Input voltage	3.3 V	<b>Technical details</b>	
Maximum voltage	4 V	Sustainability certificates	RoHS
Maximum current	0.375 A	Compliance certificates	RoHS
<b>Operational conditions</b>		<b>Logistics data</b>	
Operating temperature (T-T)	0 - 70 °C	Harmonized System (HS) code	85369010



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