



## 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

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



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### **Catalog Object Cloud**



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