



LevelOne 1.25Gbps Multi-mode SFP Transceiver, 2km, 1310nm

Brand : LevelOne

Product code: SFP-3111

Product name : 1.25Gbps Multi-mode SFP Transceiver, 2km, 1310nm



1.25 Gbps, 1310 nm, LC, MMF, 2 km, 20 g

[LevelOne 1.25Gbps Multi-mode SFP Transceiver, 2km, 1310nm:](#)

LevelOne SFP-3111 is a high performance and cost-effective multi-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 50 and 62.5 micron fiber cables, it can reach a distance of up to 2km. The SFP-3111 transceiver operates using a wavelength of 1310nm with a FP LD Laser Diode light source and has a LC connector.



- 1310nm FP LD
- Data Rate: 1.25Gbps, NRZ
- Single +3.3V Power Supply
- RoHS Compliant and Lead-free
- AC/AC Differential Electrical Interface
- Compliant with Multi-Source Agreement (MSA)
- Small Form Factor Pluggable (SFP)
- Duplex LC Connector
- Compliance with specifications for IEEE-802.3z Gigabit Ethernet at 1.25Gbps
- Compliance with ANSI specifications for Fiber Channel applications at 1.06bps
- No configuration or installation software required
- Eye Safety Designed to meet LASER Class 1 comply with EN60825-1



| Performance | | Power | |
|---|-------------|-----------------------------------|-------------|
| SFP transceiver type * | Fiber optic | Maximum voltage | 6 V |
| Maximum data transfer rate * | 1250 Mbit/s | Maximum current | 0.3 A |
| Interface type * | SFP | Operational conditions | |
| Multi-mode fiber (MMF) supported | ✓ | Operating temperature (T-T) | 0 - 70 °C |
| Fiber optic connector | LC | Storage temperature (T-T) | -40 - 85 °C |
| Fiber cable diameters supported (core/cladding) | 62.5/125 µm | Operating relative humidity (H-H) | 5 - 95% |
| Maximum transfer distance | 2000 m | Weight & dimensions | |
| Wavelength | 1310 nm | Width | 57 mm |
| Tx power (min) | -9.5 dBmW | Depth | 12 mm |
| Tx power (max) | 1 dBmW | Height | 13.7 mm |
| Networking standards | IEEE 802.3z | Weight | 20 g |
| Duplex system | Full | Packaging data | |
| Fiber ports quantity | 1 | Number of products included | 1 pc(s) |
| Features | | Package width | 106 mm |
| Plug and Play | ✓ | Package depth | 20 mm |
| Hot-swap | ✓ | Package height | 65 mm |
| Safety | EN 60825-1 | Package weight | 35 g |
| Certification | CE, FCC | Technical details | |
| Power | | Sustainability certificates | RoHS |
| Input voltage | 3.3 V | Compliance certificates | RoHS |
| Logistics data | | | |
| | | Harmonized System (HS) code | 85369010 |



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