# LevelOne 1.25Gbps Multi-mode SFP Transceiver, 500m, 850nm

**Brand :** LevelOne

**Product code:** SFP-3001

**Product name :** 1.25Gbps Multi-mode SFP Transceiver, 500m, 850nm

1.25 Gbps, 850nm, SFP, LC, 550 m, 20 g

**LevelOne 1.25Gbps Multi-mode SFP Transceiver, 500m, 850nm:**

LevelOne SFP-3001 is a high performance and costeffective multi-mode SFP transceiver. Intended for use with Gigabit Ethernet, it provides up to 1.25 Gbps bidirectional 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 550 meters.

- 850nm VCSEL
- Data Rate: 1.25Gbps
- Single +3.3V Power Supply
- RoHS Compliant and Lead-free
- AC/AC Differential Electrical Interface
- Compliant with Multi-Source Agreement(MSA)
- 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

| | |
|---|---|
| SFP transceiver type * | Fiber optic |
| Maximum data transfer rate * | 1250 Mbit/s |
| Interface type * | SFP |
| Single-mode fiber (SMF) supported | ✘ |
| Multi-mode fiber (MMF) supported | ✔ |
| Fiber optic connector | LC |
| Fiber cable diameters supported (core/cladding) | 50/125,62.5/125 µm |
| Maximum transfer distance | 550 m |
| Wavelength | 850 nm |
| Tx power (min) | -9.5 dBmW |
| Tx power (max) | -3 dBmW |
| Networking standards | IEEE 802.3z |
| Duplex system | Full |
| Fiber ports quantity | 1 |

## Features

| | |
|---|---|
| Plug and Play | ✔ |
| Hot-swap | ✔ |
| Safety | EN 60825-1 |
| Certification | CE, FCC |

## Power

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|---|---|
| Input voltage | 3.3 V |
| Maximum voltage | 6 V |
| Maximum current | 0.3 A |

## Operational conditions

| | |
|---|---|
| Operating temperature (T-T) | 0 - 70 °C |
| Storage temperature (T-T) | -40 - 85 °C |
| Operating relative humidity (H-H) | 5 - 95% |

## Weight & dimensions

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|---|---|
| Width | 57 mm |
| Depth | 12 mm |
| Height | 13.7 mm |
| Weight | 20 g |

## Packaging data

| | |
|---|---|
| Number of products included | 1 pc(s) |
| Package width | 106 mm |
| Package depth | 20 mm |
| Package height | 65 mm |
| Package weight | 35 g |

## Technical details

| | |
|---|---|
| Sustainability certificates | RoHS |
| Compliance certificates | RoHS |

## Logistics data

| | |
|---|---|
| Harmonized System (HS) code | 85369010 |

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