

# SFP-3001 1.25Gbps Multi-mode SFP Transceiver, 550m, 850nm

## Product Images

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## Short Description

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- IEEE 802.3z Gigabit Ethernet compliant
- Supports Digital Diagnostics Monitoring (DDM) for easy status monitoring
- Provides duplex LC connector
- Hot-swappable
- RoHS compliant and Lead Free
- Compatible with SFP Multi-Sourcing Agreement (MSA) standards

## Description

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LevelOne SFP-3001 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 125 micron fiber cables, it can reach a distance of up to 550 meters. The SFP-3001 transceiver operates using a

wavelength of 850nm with a VCSEL Laser Diode light source and has an LC port.

## Additional Information

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Gigabit multi-mode LC	1
Harmonized System (HS) code.	851762
Customs product code (TARIC).	8517620000
Features.	Hot-swappable 50/125 $\mu$ m Multi-mode Fiber
Fiber Optical Mode.	Multi-Mode
Transceiver Type.	SFP
Grade.	Commercial
Receiver sensitivity.	-18dBm
Approval and Compliance.	EMC Directive 2014/53/EU IEC 61000-4-3 / IEC 61000-4-2 , MIL-STD-883 Method 3015" EMI compatible with FCC Part 15 Class B EN55022 Class B (CISPR 22B) VCCI Class B. Class 1 Laser Eye Safety compatible with FDA 21CFR 1040.10 and 1040.11 EN60950, EN (IEC)60825-1,2" RoHS Directive 2011/65/EU SFP Multi-Sourcing Agreement(MSA) SFP MSA SFF-8074i Compliant
Operating humidity.	0% RH ~ 85% RH
Operating temperature.	0°C ~ 70°C
Storage temperature.	-40°C ~ 85°C
Package Contents.	SFP-3001, Quick Installation Guide
Color.	Silver
EAN.	4015867154663
Model Number.	SFP-3001
Dimensions (W x D x H).	13.7 x 57 x 12 mm
Product weight (kg).	0,02
Data rate.	Up to 1.25Gb/s data links
Link power budget (dB).	9dB
Optical transmission power (dBm).	-9 to -4 dBm
Power consumption.	800mW

Power input.	3.3V / 250mA
Standard.	IEEE 802.3z 1000Base-SX
Wavelength (nm).	850

