

# SFP-2502 2.5Gbps Single-mode SFP Transceiver, 2km, 1310nm

## Product Images

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## Short Description

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- Data rates of up to 2.5Gbps
- 2.5GBASE-IX Single-mode fiber for the link up to 2km
- 1310nm FP transmitter, PIN-TIA photo-detector
- Provides duplex LC connector
- Hot-swappable
- Compatible with SFP Multi-Sourcing Agreement (MSA) standards
- Supports Digital Diagnostics Monitoring (DDM) for easy status monitoring
- Commercial operating temperature range: 0°C to 70°C

## Description

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The levelOne SFP-2502 is a high performance and cost-effective single-mode SFP transceiver. Intended for use with Gigabit Ethernet, it provides up to 2.5 Gbps bidirectional data transfer rate on a single duplex fiber core. For use with 9 and 125 micron fiber cables, it can reach a distance of up to 2km. The SFP-2502 transceiver operates using a wavelength of 1310nm with a Fabry-Perot(FP) Laser Diode light source and has an LC port.

## Additional Information

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Harmonized System (HS) code.	851762
Customs product code (TARIC).	8517620000
Features.	<ul style="list-style-type: none"><li>• DDM (Digital Diagnostics Monitoring)</li><li>• Hot-swappable</li></ul>
Fiber Optical Mode.	Single-Mode
Transceiver Type.	SFP
Grade.	Commercial
Receiver sensitivity.	-18 dBm
Data rate.	2.5 Gbps
Optical transmission power (dBm).	-9 to -3 dBm
Power consumption.	1000 mW
Wavelength (nm).	1310 nm
Approval and Compliance.	<ul style="list-style-type: none"><li>• CE</li><li>• CB</li><li>• FDA 21 CFR 1040.10 and 1040.11</li><li>• FCC 47 CFR PART 15 SUBPART B</li><li>• TUV</li><li>• UL</li><li>• RoHS</li></ul>
Operating humidity.	5% RH ~ 85% RH
Operating temperature.	0°C ~ 70°C
Storage humidity.	5% RH ~ 85% RH
Storage temperature.	-40°C ~ 85°C
Package Contents.	<ul style="list-style-type: none"><li>• SFP-2502</li><li>• Quick Installation Guide</li><li>• Declaration of Conformity</li></ul>
Color.	Silver
EAN.	4015867240007
Model Number.	SFP-2502
Dimensions (W x D x H).	55.9 x 13.4 x 13 mm
Product weight (kg).	0.0155 kg

