

# SFP-2505 2.5Gbps Single-mode SFP Transceiver, 40km, 1550nm

## Product Images

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## Short Description

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- Data rates of up to 2.5Gbps
- 2.5GBASE-LX Single-mode fiber for the link up to 40km
- 1550nm DFB 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-2505 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 40km. The SFP-2505 transceiver operates using a wavelength of 1550nm with a DFB Laser Diode light source and has an LC port.

## Additional Information

Harmonized System (HS) code.	851762
Customs product code (TARIC).	8517620000
Features.	• DDM (Digital Diagnostics Monitoring) • Hot-swappable
Fiber Optical Mode.	Single-Mode
Transceiver Type.	SFP
Grade.	Commercial
Receiver sensitivity.	-28 dBm
Data rate.	2.5 Gbps
Optical transmission power (dBm).	-2 to 3 dBm
Power consumption.	1000 mW
Wavelength (nm).	1550 nm
Approval and Compliance.	• CE • CB • FDA 21 CFR 1040.10 and 1040.11 • FCC 47 CFR PART 15 SUBPART B • TUV • UL • RoHS
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.	• SFP-2505 • Quick Installation Guide • Declaration of Conformity
Color.	Silver
EAN.	4015867240038
Model Number.	SFP-2505
Dimensions (W x D x H).	55.9 x 13.4 x 13 mm
Product weight (kg).	0.0155 kg

