



# 1000base-LX SFP 1310nm SM LC Transceiver, 40km - Industrial DOM

## TR-SFP-EX-SMD- Specifications

### Description

This industrial grade Small Form-factor Pluggable (SFP) transceiver module has a maximum data transfer rate of 1.25 Gbps with extended distance of 40km over singlemode fiber cable and wide temperature range of -40 to 85°C. It is used in compatible network devices with an SFP slot. The SFPs are Multi-Source Agreement (MSA) compliant and built to OEM specifications.

### Features:

- Data-rate of 1.25Gbps operation
- 1310nm DFB laser and PIN photodetector for 40km transmission
- Compliant with SFP MSA and SFF-8472 with duplex LC receptacle
- Digital Diagnostic Monitoring: Internal Calibration or External Calibration
- Compatible with RoHS
- +3.3V single power supply
- Compatible with SONET OC-24-LR-1
- Operating case temperature: -40 to +85°C

### Applications:

- Gigabit Ethernet
- Fiber Channel
- Switch to Switch interface
- Switched backplane applications
- Router/Server interface
- Other optical transmission systems



### Physical Characteristics

Dimensions	57mm x 15mm x 9mm (L x W x H)
Operating Temperature	0°C ~ 70°C
Storage Temperature	-40°C ~ 85°C
Operating Humidity	5% ~ 85%
Laser Type	Class 1

### Connectors

Connector	LC Duplex
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### Certifications

CE/FCC/RoHS	Yes
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### Packaging Information

Package Quantity	1
Product Weight	0.02 lbs [0.01kg]

### Performance

Media Supported	1000Base-LX Singlemode Fiber
Maximum Transmission Distance	40km
Wave Length	1310nm
Data Transfer Rate	1.25 Gbps
DDM Support	Yes

### Warranty Information

Warranty	Limited Lifetime
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