

Gigabit 1310nm Single Mode SFP Fiber Optical Transceiver - LC 40km

Product ID: SFPLHSM



The SFPLHSM Gigabit 1310nm Single Mode SFP Fiber Optical Transceiver - LC 40km is built to comply with MSA (Multi-Sourcing Agreement) standards to offer a cost-effective way to increase performance and connectivity of your fiber-connected network devices.

A long wavelength (1310nm) DFB laser diode enables a maximum cable distance of 40km (25 miles) using single mode fiber. This Small Form Factor Pluggable (SFP) transceiver module can be installed into any fiber networking device with an MSA compliant SFP port, providing a simple solution to upgrade existing network devices for connecting to remote locations using LC terminated single mode fiber.

Delivering convenience and scalability, the optical transceiver allows you to install the single mode LC module without interrupting network traffic or requiring a device reboot.

Backed by a StarTech.com 2-year warranty and free lifetime technical support.

Certifications, Reports and Compatibility

Applications

- Use in long haul single mode fiber installations
- Expand your network to remote segments over fiber
- Perfect for network extension and fiber backbones
- Replacing defective or damaged SFPs in MSA compliant equipment

Features

- 1.25Gbps IEEE 802.3z 1000BASE-LH Compliant
- Complies with SFP Multi-Source Agreements standards (MSA)
- Duplex LC receptacle connector
- Equipped with a 1310nm DFP Laser with Class 1 laser safety standards IEC825 compliance
- Fully Hot Pluggable
- Serial ID functionality support

Hardware

Warranty	2 Years
Industry Standards	IEEE 802.3z 1000BASE-LH

Performance

Maximum Data Transfer Rate	1.25 Gbps
Max Transfer Distance	40 km (24.8 mi)
Type	Single Mode
Wavelength	1310nm
Fiber Operating Mode	Full-Duplex
DDM	No
Compatible Networks	1000 Mbps (1 Gbps)

Connector(s)

Remote Unit Connectors	Fiber Optic LC Duplex
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Environmental

Operating Temperature	0C to 70C (32F to 158F)
Storage Temperature	-40C to 85C (-40F to 85F)
Humidity	5 to 95% RH

Physical Characteristics

Product Length	2.2 in [55.0 mm]
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Product Width	0.5 in [13.0 mm]
Product Height	0.4 in [9.0 mm]
Weight of Product	0.6 oz [17.2 g]

Packaging Information

Package Length	4.5 in [11.5 cm]
Package Width	1.0 in [25.0 mm]
Package Height	2.6 in [65.0 mm]
Shipping (Package) Weight	1.4 oz [40.0 g]

What's in the Box

Included in Package	SFP Single Mode LC Transceiver
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****Product appearance and specifications are subject to change without notice.***

