

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

*StarTech 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.

### **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

**Technical Specifications**

Warranty	2 Years
Industry Standards	IEEE 802.3z 1000BASE-LH
Remote Unit Connectors	1 - Fiber Optic LC Female
Maximum Data Transfer Rate	1000Mbps
Max Transfer Distance	40 km (24.8 mi)
Wavelength	1310nm
Fiber Operating Mode	Full-Duplex
Product Length	2.2 in [55 mm]
Product Width	0.5 in [13 mm]
Product Height	0.4 in [9 mm]
Product Weight	0 lb [0 kg]
Operating Temperature	0°C to 70°C (32°F to 158°F)
Storage Temperature	-40°C to 85°C (-40°F to 85°F)
Humidity	5 to 95% RH
Shipping (Package) Weight	0.1 lb [0 kg]
Included in Package	1 - SFP Single Mode LC Transceiver

Certifications, Reports and Compatibility

