

**Gigabit 1310nm Single Mode SFP Fiber Optical Transceiver - LC 40km**  
StarTech ID: SFPLHSM



StarTech.com's Single Mode SFP (mini GBIC) LC Optical Transceiver Module offers a cost-effective way to increase performance and connectivity of your fiber-connected network devices.

This Small Form Factor Pluggable (SFP) transceiver module can be installed into any fiber networking device with a SFP MSA compliant port, providing a simple solution to upgrade existing network devices to connect 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 into a compliant device without interrupting network traffic or requiring a device reboot.

Using a long wavelength (1310nm) DFB laser diode, enabling a maximum fiber optic cable distance of 40km (25 miles) over single mode fiber cables, this SFP Gigabit Single Mode module is compatible with 3COM™, Cisco™, Lucent™ and Nortel™ networks and fully complies with IEEE 802.3z 1000BASE-LH Standards

## Applications and Solutions

- Long haul single mode fiber installations
- Network Expandability
- Network extension and fiber backbones
- Replacing defective or damaged SFP

## 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: 1 Year warranty
- Fiber Operating Mode : Full-Duplex
- Product Height: 0.35 in [9 mm]
- Humidity: 5 to 95% RH
- Industry Standards: IEEE 802.3z 1000BASE-LH
- Interface A: 1 - Fiber Optic LC Female
- Product Length: 2.17 in [55 mm]
- Data Throughput: 1000 Mbps
- Max Transfer Distance : 40km - 25 Miles
- Operating Temperature: 0&deg;C to 70&deg;C (32&deg;F to 158&deg;F)
- Carton Quantity: 100
- Storage Temperature: -40&deg;C to 85&deg;C (-40&deg;F to 85&deg;F)
- Wave Length: 1310nm
- Shipping (Package) Weight: 0.09 lb [0.04 kg]
- Product Weight: 0.04 lb [0.02 kg]
- Product Width: 0.51 in [13 mm]



187614  
LEVEL 6

