

Cisco GLC-LH-SM Compatible SFP Transceiver Module - 1000BASE-LX/LH

Product ID: SFPGLCLHSMST



The SFPGLCLHSMST is a Cisco GLC-LH-SM compatible fiber transceiver module that has been designed, programmed and tested to work with Cisco® brand switches and routers. It delivers dependable 1GbE (1000 Mbps) connectivity over fiber cable, for 1000BASE-LX/LH compliant networks, with a maximum distance of up to 10 km (6.2 mi).

Technical Specifications:

- **Wavelength:** 1310 nm
- **Maximum Data Transfer Rate:** 1.25 Gbps
- **Type:** Single Mode / Multimode Fiber
- **Connection Type:** LC Connector
- **Maximum Transfer Distance:** 10 km (6.2 mi) - SM / 1 km (0.6 mi) - MM
- **MTBF:** 3,092,408 hours
- **Power Consumption:** Less than 1 Watt
- **Digital Diagnostics Monitoring (DDM):** No

This SFP fiber module is hot-swappable, making upgrades and replacements seamless by minimizing network disruptions.

StarTech.com SFPs

All StarTech.com SFP & SFP+ transceiver modules are backed by a lifetime warranty and free lifetime multilingual technical support. StarTech.com offers a wide variety of SFP modules and direct-attach SFP cables, providing the convenience and reliability you need to ensure dependable network performance.

Certifications, Reports and Compatibility



Applications

- Replacing defective or damaged SFP modules in Cisco switches and routers
- Expand your network to remote segments

Features

- 100% compatibility with Cisco GLC-LH-SM guaranteed
- StarTech.com SFP modules are backed by a lifetime warranty
- Meets or exceeds OEM specifications and Multi-Source Agreement (MSA) industry standards
- Low power consumption of less than 1 W
- Hot-swappable with fiber-optic modules

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|-------------------------------------|-------------------------------|--|
| Hardware | Warranty | Lifetime |
| | Compatible Brand | Cisco® |
| | Industry Standards | IEEE 802.3z 1000BASE-LX/LH |
| | WDM | No |
| Performance | Compatible Networks | 1000 Mbps (1 Gbps) |
| | DDM | No |
| | Fiber Operating Mode | Half/Full-Duplex |
| | Max Transfer Distance | 10 km (6.2 mi) - SM / 1 km (0.6 mi) - MM |
| | Maximum Data Transfer Rate | 1.25 Gbps |
| | MTBF | 3,092,408 hours |
| | Type | Single Mode / Multi Mode |
| | Wavelength | 1310nm |
| Connector(s) | Local Unit Connectors | 1 - Fiber Optic LC Duplex Female |
| Special Notes / Requirements | Note | For use in Gigabit fiber networking equipment and media converters |
| | System and Cable Requirements | MSA or Cisco compliant SFP port |
| Power | Power Consumption (In Watts) | < 1 W |
| Environmental | Humidity | 30~70% RH |
| | Operating Temperature | 0°C to 70°C (32°F to 158°F) |
| | Storage Temperature | -40°C to 85°C (-40°F to 85°F) |
| Physical Characteristics | Product Height | 0.4 in [1 cm] |
| | Product Length | 2.4 in [60 mm] |
| | Product Width | 0.5 in [12 mm] |
| | Weight of Product | 0.7 oz [20 g] |
| Packaging Information | Package Height | 1.3 in [33 mm] |
| | Package Length | 3.7 in [93 mm] |
| | Package Width | 4.7 in [11.9 cm] |
| | Shipping (Package) Weight | 1.6 oz [46 g] |
| What's in the Box | Included in Package | 1 - 1.25 Gbps Single Mode LC SFP |

Product appearance and specifications are subject to change without notice.