

Cisco GLC-LH-SMD Compatible SFP Module - 1000BASE-LX/LH - 1GbE Single Mode Fiber SMF
Optic Transceiver - 1GE Gigabit Ethernet SFP - LC 10km - 1310nm - DDM Cisco Firepower,
ASR920, IE2000

Product ID: GLCLHSMDSST



The GLCLHSMDSST is a Cisco GLC-LH-SMD compatible fiber transceiver module that has been designed, programmed and tested to work with Cisco brand switches and routers. It delivers dependable 1 GbE 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 / Multi Mode Fiber
- Connection Type: LC Connector
- Maximum Transfer Distance: 10 km (6.2 mi) - SM / 1 km (0.6 mi) - MM
- MTBF: 200,000 hours
- Power Consumption: Less than 1 Watt
- Digital Diagnostics Monitoring (DDM): Yes

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

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% CISCO GLC-LH-SMD COMPATIBLE:** Works with Cisco switches like Firepower, ASR920, IE2000, IE4000, ASR1000 and others
- **TECHNICAL SPECS:** 1000BASE-LX/LH 1 Gbps Single Mode (SMF)/Multi Mode (MMF) LC Connector 1310nm Digital Diagnostic Monitoring (DDM) Distances up to 10km (6.2mi)
- **TESTED FOR OEM HOST COMPATIBILITY:** Hot-swappable in Cisco routers and switches; DDM support reports the transceiver's status to most SNMP network management tools
- **OUTSTANDING SUPPORT:** Backed by StarTech.com for the life of the module itself, not your equipment; our modules won't void your OEM support and with access to our Tech Advisors 5/24
- **WORKS WITH MSA COMPLIANT SWITCHES:** Also works with switch models from Ubiquiti, D-Link, Netgear, Supermicro, TP-Link and more that accept uncoded modules

Hardware

Warranty	Lifetime
Compatible Brand	Cisco
Industry Standards	IEEE 802.3z 1000BASE-LX/LH

Performance

Maximum Data Transfer Rate	1.25 Gbps
Max Transfer Distance	10 km (6.2 mi) - SM / 1 km (0.6 mi) - MM
Type	Single Mode / Multi Mode
Wavelength	1310nm
Fiber Operating Mode	Full-Duplex
DDM	Yes



Compatible Networks 1000 Mbps (1 Gbps)

MTBF 200,000 hours

Power Consumption (In Watts) < 1 W

Connector(s)

Local Unit Connectors Fiber Optic LC Duplex

Special Notes / Requirements

Note For use in Gigabit fiber networking equipment and media converters

Environmental

Operating Temperature 0C to 70C (32F to 158F)

Storage Temperature -40C to 85C (-40F to 185F)

Humidity 5~95% RH

Physical Characteristics

Product Length 2.3 in [58.0 mm]

Product Width 0.5 in [12.0 mm]

Product Height 0.3 in [8.0 mm]

Weight of Product 0.6 oz [18.0 g]

Packaging Information

Package Length 4.6 in [11.8 cm]

Package Width 3.6 in [92.0 mm]

Package Height 1.3 in [32.0 mm]

Shipping (Package) Weight 3.4 oz [95.0 g]

What's in the Box

Included in Package SFP transceiver

**Product appearance and specifications are subject to change without notice.*