

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:** GLCLHSMDST



The GLCLHSMDST 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
- WORKS WITH MSA COMPLIANT SWITCHES: Also works with switch models from Ubiquiti, D-Link, Netgear, Supermicro, TP-Link and more that accept uncoded modules
- THE IT PRO'S CHOICE: Designed and built for IT Professionals, this SFP module is backed for life (lifetime of module, not network switch), including free lifetime 24/5 multi-lingual technical assistance.

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### Hardware

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

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### 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

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**Connector(s)**

Local Unit Connectors	1 - Fiber Optic LC Duplex
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**Special Notes / Requirements**

Note	For use in Gigabit fiber networking equipment and media converters
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**Power**

Output Voltage	3.3V DC
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**Environmental**

Operating Temperature	0C to 70C (32F to 158F)
Storage Temperature	-40C to 85C (-40F to 185F)
Humidity	5~95% RH

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**Physical Characteristics**

Color	Silver
Product Length	2.3 in [58.0 mm]
Product Width	0.5 in [1.2 cm]
Product Height	0.3 in [0.8 cm]
Weight of Product	0.6 oz [18.0 g]

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**Packaging Information**

Package Length	4.4 in [11.2 cm]
Package Width	3.6 in [9.1 cm]
Package Height	1.3 in [3.3 cm]

Shipping (Package) 1.6 oz [46.0 g]  
Weight

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**What's in the Box**

Included in Package	1 - SFP transceiver
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**Warranty  
Information**

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

