

Cisco GLC-LH-SMD Compatible SFP Module - 1000BASE-LH - 1GbE Single Mode Fiber SMF Optic Transceiver - 1GE Gigabit Ethernet SFP - LC 20km - 1310nm - DDM Cisco Firepower, IE2000, IE4000

**Product ID:** SFPG1320C



The SFPG1320C 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-LH compliant networks, with a maximum distance of up to 20 km (12.4 mi).

Technical Specifications:

- Wavelength: 1310nm
- Maximum Data Transfer Rate: 1.25 Gbps
- Type: Single Mode Fiber
- Connection Type: LC Connector
- Maximum Transfer Distance: 20 km (12.4 mi)
- MTBF: 2,722,277 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, IE2000, IE4000, C9300, IE3000 and others
- **TECHNICAL SPECS:** 1000BASE-LH 1 Gbps Single Mode (SMF) LC Connector 1310nm Digital Diagnostic Monitoring (DDM) Distances up to 20km (12.4mi)
- **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.

---

### Hardware

Warranty	Lifetime
Compatible Brand	Cisco
WDM	No

---

### Performance

Maximum Data Transfer Rate	1.25 Gbps
Max Transfer Distance	20 km (12.4 mi)
Type	Single Mode
Wavelength	1310nm

Fiber Operating Mode	Half/Full-Duplex
DDM	Yes
Compatible Networks	1000 Mbps (1 Gbps)
MTBF	2,722,277 hours
Power Consumption (In Watts)	< 1 W

---

**Connector(s)**

Local Unit Connectors	1 - Fiber Optic LC Duplex
-----------------------	---------------------------

---

**Special Notes / Requirements**

Note	For use in Gigabit fiber networking equipment and media converters
------	--

---

**Power**

Output Voltage	3.3V DC
----------------	---------

---

**Environmental**

Operating Temperature	0C to 70C (32F to 158F)
Storage Temperature	-40C to 85C (-40F to 185F)
Humidity	30~70% RH

---

**Physical Characteristics**

Color	Silver
Product Length	2.4 in [60.0 mm]
Product Width	0.5 in [1.2 cm]
Product Height	0.4 in [1.0 cm]
Weight of Product	0.7 oz [20.0 g]

---

**Packaging Information**

Package Length	4.4 in [11.3 cm]
Package Width	3.6 in [9.1 cm]
Package Height	1.3 in [3.3 cm]

Shipping (Package) Weight	1.5 oz [42.0 g]
------------------------------	-----------------

---

**What's in the Box**

Included in Package	1 - 1.25 Gbps Single Mode LC SFP
---------------------	----------------------------------

---

**Warranty  
Information**

Warranty	Lifetime
----------	----------

---

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