

# 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.

### **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% 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
- 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

<b>Hardware</b>	Warranty	Lifetime
	Compatible Brand	Cisco
	Industry Standards	IEEE 802.3z 1000BASE-LH
	WDM	No
<b>Performance</b>	Compatible Networks	1000 Mbps (1 Gbps)
	DDM	Yes
	Fiber Operating Mode	Half/Full-Duplex
	Max Transfer Distance	20 km (12.4 mi)
	Maximum Data Transfer Rate	1.25 Gbps
	MTBF	2,722,277 hours
	Type	Single Mode
	Wavelength	1310nm
<b>Connector(s)</b>	Local Unit Connectors	1 - Fiber Optic LC Duplex Female
<b>Special Notes / Requirements</b>	<b>Note</b>	For use in Gigabit fiber networking equipment and media converters
	System and Cable Requirements	MSA or Cisco compliant SFP port
<b>Power</b>	Power Consumption (In Watts)	< 1 W
<b>Environmental</b>	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 185°F)
<b>Packaging Information</b>	Package Height	1.3 in [33 mm]
	Package Length	3.6 in [92 mm]
	Package Width	4.6 in [11.8 cm]
	Shipping (Package) Weight	1.7 oz [48 g]
<b>What's in the Box</b>	Included in Package	1 - 1.25 Gbps Single Mode LC SFP
	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]

Product appearance and specifications are subject to change without notice.