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.

General		
	UPC	065030864268
	Package Quantity	1
	Warranty	Lifetime
Special Notes / Requirements		
	Special Notes	For use in Gigabit fiber networking equipment and media converters
	System and Cable Requirements	MSA or Cisco compliant SFP port
Power		

	Output Voltage	3.3V DC
	Power Consumption	< 1 W
Physical & Environmental		
	Color	Silver
	Material	Aluminum
	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]
	Operating Temperature	0C to 70C (32F to 158F)
	Storage Temperature	-40C to 85C (-40F to 185F)
	Humidity	5~95% RH
Performance		
	Maximum Data Transfer Rate	1.25 Gbps
	Max Transfer Distance	10 km (6.2 mi) - SM / 1 km (0.6 mi) - MM
	Fiber Type	Single Mode / Multi Mode
	Wavelength	1310nm
	Fiber Operating Mode	Full-Duplex
	Digitial Diagnostics Monitoring Support	Yes
	Compatible Networks	1000 Mbps (1 Gbps)
	Auto MDIX	Yes
	MTBF	200,000 hours
Hardware		
	Compatible Brand	Cisco
	OEM Part Number	GLC-LH-SMD

	Industry Standards	IEEE 802.3z 1000BASE-LX/LH
Packaging & In-the-Box		
	Included in Package	1 - SFP transceiver
	Package Width	4.4 in [11.2 cm]
	Package Depth	3.6 in [91 mm]
	Package Height	1.3 in [33 mm]
	Shipping (Package) Weight	1.6 oz [46 g]
Connector(s)		
	Host Connector 1 (Quantity)	1
	Host Connector 1	LC Duplex Fiber

Product appearance and specifications are subject to change without notice.