

Cisco GLC-SX-MM-RGD Compatible SFP Module - 1000BASE-SX - 1GbE Multimode Fiber MMF Optic Transceiver - 1GE Gigabit Ethernet SFP - LC 550m - 850nm - DDM Cisco ASR920, IE2000, IE4000

**Product ID:** GLCSXMMRGDST



The GLCSXMMRGDST is a Cisco GLC-SX-MM-RGD 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-SX compliant networks, with a maximum distance of up to 550 m (1804 ft).

Technical Specifications:

- Wavelength: 850 nm
- Maximum Data Transfer Rate: 1.25 Gbps
- Type: Multi Mode Fiber
- Connection Type: LC Connector
- Maximum Transfer Distance: 550 m (1804 ft)
- MTBF: 3,381,761 hours
- Power Consumption: Less than 1 Watt
- Digital Diagnostics Monitoring (DDM): No

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-SX-MM-RGD COMPATIBLE:** Works with Cisco switches like ASR920, IE2000, IE4000, C9300, IE3000 and others
- **TECHNICAL SPECS:** 1000BASE-SX 1 Gbps Multi Mode (MMF) LC Connector 850nm Digital Diagnostic Monitoring (DDM) Distances up to 550m (1804ft)
- **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

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#### Hardware

Warranty	Lifetime
Compatible Brand	Cisco
Industry Standards	IEEE 802.3z 1000BASE-SX

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#### Performance

Maximum Data Transfer Rate	1.25 Gbps
Max Transfer Distance	550 m (1804 ft)
Type	Multi Mode
Wavelength	850nm
Fiber Operating Mode	Full-Duplex
DDM	Yes



Compatible Networks	1000 Mbps (1 Gbps)
MTBF	3,381,761 hours
Power Consumption (In Watts)	< 1 W

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#### Connector(s)

Local Unit Connectors	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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#### Environmental

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

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#### Physical Characteristics

Product Length	2.2 in [56.6 mm]
Product Width	0.5 in [13.7 mm]
Product Height	0.5 in [12.5 mm]
Weight of Product	0.5 oz [15.0 g]

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#### Packaging Information

Package Length	3.7 in [93.0 mm]
Package Width	4.6 in [11.8 cm]
Package Height	1.3 in [33.0 mm]
Shipping (Package) Weight	1.5 oz [43.0 g]

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#### What's in the Box

Included in Package	SFP transceiver
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*\*Product appearance and specifications are subject to change without notice.*