

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
- **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

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### Performance

Maximum Data Transfer Rate	1.25 Gbps
Max Transfer Distance	550m [1804ft]
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	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	-40C to 85C (-40F to 185F)
Storage Temperature	-40C to 85C (-40F to 185F)
Humidity	5~95% RH

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**Physical Characteristics**

Color	Silver
Product Length	2.2 in [56.6 mm]
Product Width	0.5 in [1.4 cm]
Product Height	0.5 in [1.2 cm]
Weight of Product	0.5 oz [15.0 g]

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**Packaging Information**

Package Length	4.5 in [11.4 cm]
Package Width	3.7 in [9.3 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.*

