

Cisco GLC-ZX-SM-RGD Compatible SFP Module - 1000BASE-ZX - 1GbE Single Mode Fiber SMF Optic Transceiver - 1GE Gigabit Ethernet SFP - LC 70km - 1550nm - DDM Cisco ASR920, IE2000, IE4000

**Product ID:** GLCZXSMRGDST



The GLCZXSMRGDST is a Cisco GLC-ZX-SM-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-ZX compliant networks, with a maximum distance of up to 70 km (43.5 mi).

Technical Specifications:

- Wavelength: 1550 nm
- Maximum Data Transfer Rate: 1.25 Gbps
- Type: Single Mode Fiber
- Connection Type: LC Connector
- Maximum Transfer Distance: 70 km (43.5 mi)
- MTBF: 1,536,764 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-ZX-SM-RGD COMPATIBLE:** Works with Cisco switches like ASR920, IE2000, IE4000, C9300, IE3000 and others
- **TECHNICAL SPECS:** 1000BASE-ZX 1 Gbps Single Mode (SMF) LC Connector 1550nm Digital Diagnostic Monitoring (DDM) Distances up to 70km (43.5mi)
- **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-ZX

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#### Performance

Maximum Data Transfer Rate	1.25 Gbps
Max Transfer Distance	70 km (43.5 mi)
Type	Single Mode
Wavelength	1550nm
Fiber Operating Mode	Full-Duplex
DDM	Yes



Compatible Networks 1000 Mbps (1 Gbps)

MTBF 1,536,764 hours

Power Consumption (In Watts) < 1 W

**Connector(s)**

Local Unit Connectors Fiber Optic LC Duplex

**Special Notes / Requirements**

Note For use in Gigabit fiber networking equipment and media converters

**Environmental**

Operating Temperature -40C to 85C (-40F to 185F)

Storage Temperature -40C to 85C (-40F to 185F)

Humidity 5~95% RH

**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 0.6 oz [16.0 g]

**Packaging Information**

Package Length 4.7 in [11.9 cm]

Package Width 3.6 in [92.0 mm]

Package Height 1.3 in [32.0 mm]

Shipping (Package) Weight 1.7 oz [48.0 g]

**What's in the Box**

Included in Package SFP transceiver

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

