

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
- **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      | 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              |

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**Connector(s)**

|                       |                           |
|-----------------------|---------------------------|
| Local Unit Connectors | 1 - Fiber Optic LC Duplex |
|-----------------------|---------------------------|

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**Special Notes / Requirements**

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|------|--|
| 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**

|                   |                  |
|-------------------|------------------|
| 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 | 0.6 oz [16.0 g]  |

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**Packaging Information**

|                           |                  |
|---------------------------|------------------|
| Package Length            | 4.4 in [11.2 cm] |
| Package Width             | 3.6 in [9.1 cm]  |
| Package Height            | 1.3 in [3.3 cm]  |
| Shipping (Package) Weight | 1.6 oz [46.0 g]  |

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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.***

