

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.

---

### Hardware

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

---

### 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	1 - 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 [1.2 cm]
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      1 - SFP transceiver

---

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