

# Cisco GLC-ZX-SM-RGD Compatible SFP Transceiver Module - 1000BASE-ZX

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.

### **StarTech.com SFPs**

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% compatibility with Cisco GLC-ZX-SM-RGD guaranteed
- StarTech.com SFP modules are backed by a lifetime warranty
- Meets or exceeds OEM specifications and Multi-Source Agreement (MSA) industry standards
- Low power consumption of less than 1 W
- Hot-swappable with fiber-optic modules

|                                     |                               |  |
|-------------------------------------|-------------------------------|--|
| <b>Hardware</b>                     | Warranty                      | Lifetime   |
|                                     | Compatible Brand              | Cisco  |
|                                     | Industry Standards            | IEEE 802.3z 1000BASE-ZX  |
| <b>Performance</b>                  | Compatible Networks           | 1000 Mbps (1 Gbps)   |
|                                     | DDM                           | Yes  |
|                                     | Fiber Operating Mode          | Full-Duplex  |
|                                     | Max Transfer Distance         | 70 km (43.5 mi)  |
|                                     | Maximum Data Transfer Rate    | 1.25 Gbps  |
|                                     | MTBF                          | 1,536,764 hours  |
|                                     | Type                          | Single Mode  |
|                                     | Wavelength                    | 1550nm   |
| <b>Connector(s)</b>                 | Local Unit Connectors         | 1 - Fiber Optic LC Duplex Female                                   |
| <b>Special Notes / Requirements</b> | <b>Note</b>                   | For use in Gigabit fiber networking equipment and media converters |
|                                     | System and Cable Requirements | MSA or Cisco compliant SFP port                                    |
| <b>Power</b>                        | Power Consumption (In Watts)  | < 1 W  |
| <b>Environmental</b>                | Humidity                      | 5~95% RH   |
|                                     | Operating Temperature         | -40°C to 85°C (-40°F to 185°F)                                     |
|                                     | Storage Temperature           | -40°C to 85°C (-40°F to 185°F)                                     |
| <b>Physical Characteristics</b>     | Color                         | Silver   |
|                                     | Enclosure Type                | Aluminum   |
|                                     | Product Height                | 0.5 in [12.5 mm]   |
|                                     | Product Length                | 2.2 in [56.6 mm]   |
|                                     | Product Weight                | 0.6 oz [16 g]  |
|                                     | Product Width                 | 0.5 in [13.7 mm]   |
| <b>Packaging Information</b>        | Shipping (Package) Weight     | 1.7 oz [48 g]  |
| <b>What's in the Box</b>            | Included in Package           | 1 - SFP transceiver  |

Product appearance and specifications are subject to change without notice.