

# MSA Compliant 10 Gigabit Fiber SFP+ Transceiver Module - 10GBase-ZR - SM LC - 80 km

Product ID: SFP10GBZRST



This 10GBase-ZR SFP+ module delivers what you need most in your network connections: reliable performance. It's built to exacting MSA specifications and fully tested to ensure seamless compatibility. The single-mode SFP+ transceiver module offers a cost-effective way to add, replace or upgrade the ports on your networking equipment, and it's backed by a lifetime warranty.

## Delivers 10 Gigabit Ethernet connections

With data transfer rates of up to 10Gbps and support for Digital Diagnostics Monitoring (DDM / DOM), this LC SFP+ module can be installed into fiber networking equipment with an MSA compliant port. It delivers dependable 10 Gigabit connectivity over single-mode fiber for 10GBase-ZR compliant networks, with a maximum distance of up to 80 km (49.7 mi.) and 1550 nm optical wavelength.

## **Built for reliable network performance**

This optical transceiver is engineered to meet or exceed the industry's MSA (Multi-Source Agreement) standards. StarTech.com brings its established reputation for high-quality connectivity solutions to SFP transceivers, providing SFPs that match major OEM brands in performance and reliability. Committed to the highest standards, StarTech.com provides an extensive range of networking products including copper and fiber network cards, fiber media converters, Ethernet switches and wireless products.

## **Convenient and scalable**

Delivering both convenience and scalability, this fiber transceiver is fully hot-pluggable, which enables you to install it without interrupting network traffic or having to reboot your equipment. It provides a versatile solution that's compatible with a wide range of networking equipment, allowing you to expand your network to remote segments cost-effectively.

You can count on SFP10GBZRST for reliable performance, backed by a lifetime warranty and free lifetime technical support.

### Certifications, Reports and Compatibility



### Applications

- Replace defective or damaged SFP+ modules in MSA compliant equipment
- Ideal for deployment in network devices with multiple SFP+ slots
- Expand your network to remote segments

### Features

- Delivers reliable 10 Gigabit connections for 10GBase-ZR compliant networks
- Meets or exceeds MSA (Multi-Source Agreement) industry standards
- Backed by lifetime warranty and free lifetime technical support
- Supports single-mode fiber (LC connector)
- Maximum distance up to 80 km/49.7 mi
- Maximum data rates up to 10Gbps
- 1550 nm optical wavelength
- Digital Diagnostics Monitoring (DDM/DOM)
- Hot-pluggable

|                                 |                            |                                  |
|---------------------------------|----------------------------|----------------------------------|
| <b>Hardware</b>                 | Warranty                   | Lifetime                         |
|                                 | Industry Standards         | IEEE 802.3ae 10GBASE-ZR          |
|                                 | WDM                        | No                               |
| <b>Performance</b>              | Compatible Networks        | 10 Gbps                          |
|                                 | DDM                        | Yes                              |
|                                 | Fiber Operating Mode       | Full-Duplex                      |
|                                 | Fiber Type                 | Single Mode                      |
|                                 | Max Transfer Distance      | 80 km (49.7 mi)                  |
|                                 | Maximum Data Transfer Rate | 10 Gbps                          |
|                                 | Wavelength                 | 1550nm                           |
| <b>Connector(s)</b>             | Local Unit Connectors      | 1 - Fiber Optic LC Duplex Female |
| <b>Environmental</b>            | Humidity                   | 5~95% RH                         |
|                                 | Operating Temperature      | 0°C to 70°C (32°F to 158°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 [12.6 mm]                 |
|                                 | Product Length             | 2.3 in [58.4 mm]                 |
|                                 | Product Weight             | 1.1 oz [30 g]                    |
|                                 | Product Width              | 0.5 in [13.9 mm]                 |
| <b>Packaging Information</b>    | Shipping (Package) Weight  | 1.8 oz [50 g]                    |
| <b>What's in the Box</b>        | Included in Package        | 1 - SFP+ transceiver             |

Product appearance and specifications are subject to change without notice.