



10GBASE-SR SFP+ Multi Mode LC Module 300 m (984 feet) with DDM

TEG-10GBSR (v2.1R)

- Hot-pluggable SFP+ transceiver
- SFP+ MSA compliant
- Supported throughput up to 10.5 Gbps
- Multi Mode fiber for distances up to 300 m (984 feet)
- 850 nm wavelength
- Duplex LC connector
- Digital Diagnostics Monitoring (DDM) support
- Operating temperature: 0 to 70 °C (32 to 158 °F)
- Single 3.3 V power supply
- Lifetime Warranty
- NDAA / TAA compliant (U.S. and Canada only)

TRENDnet's hot-pluggable TEG-10GBSR, 10GBASE-SR SFP+ Multi Mode LC Module, works with a MSA compliant SFP+ slot. This Multi Mode transceiver spans distances up to 300 meters (984 feet), comes with a LC duplex connector, and supports up to 10.5 Gbps networking throughput speeds. Digital Diagnostics Monitoring (DDM) captures critical device parameters such as transmit/receive power, temperature, and voltage.

FEATURES



Hot-Pluggable SFP+

Hot-pluggable SFP+ transceiver works with a MSA compliant SFP+ slot



Fiber Wavelength

Compatible with Multi Mode 850 nm transmissions



Fiber Distance

Supports networking for distances up to 300 meters (984 feet)



Fiber Port

LC-type duplex connector



DDM Support

Digital Diagnostics Monitoring (DDM) captures critical device parameters such as transmit/receive power, temperature, and voltage



Power Supply

Single 3.3 volt power supply



Operating Temperature

Rated for an operating temperature range of 0 to 70 °C (32 to 158 °F)



Standards

Compliant with SFF-8431, SFF-8432, SFF-8472, FC-PI-4, 10G FC, and IEEE802.3ae 10GBASE-SR

SPECIFICATIONS

Standards

- IEEE 802.3ae
- 10GBASE-SR

Device Interface

- SFP+ MSA Compliant
- LC duplex connector

Data Transfer Rate

- 8.5-10.5 Gbps

Wavelength

- 850 nm

Optical Output Power

- -1 ~ -7.5 dBm

Distance

- 300 m (OM3)
- 82 m (OM2)
- 33 m (OM1)

Special Features

- Hot pluggable
- Metal enclosure
- DDM support

Sensitivity

- -14 dBm

Power

- Consumption: 439 mW

Operating Temperature

- 0 – 70 °C (32 - 158 °F)

Operating Humidity

- Max. 95% non-condensing

Dimensions

- 14.8 x 56.5 x 11.85 mm (0.6 x 2.2 x 0.5 in.)

Weight

- 22 g (0.7 oz.)

Certifications

- CE
- FCC

Warranty

- Lifetime Warranty

Package Contents

- TEG-10GBSR

All references to speed are for comparison purposes only. Product specifications, size, and shape are subject to change without notice, and actual product appearance may differ from that depicted herein.

TRENDnet offers a lifetime warranty for all of its metal-enclosed network switches that have been purchased in the United States/Canada on or after 1/1/2015. Cooling fan and internal power supply carry a one-year warranty.