



10GBASE-SR SFP+ Multi Mode LC Module 550 m (1,804 feet) with DDM

TEG-10GBSR (v1.0R)

- Hot-pluggable SFP+ transceiver
- SFP+ MSA compliant
- Supported throughput up to 10.5 Gbps
- Multi Mode fiber for distances up to 550 m (1,804 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

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 550 meters (1,804 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.



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 550 meters (1,804 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-P1-4, 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

- 550 m (OM4)
- 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

- 3 year limited

Package Contents

- TEG-10GBSR

