



## 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
- 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

- 3 year limited

### 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.