



10GBASE-LR SFP+ Single Mode LC Module 10 km (6.2 miles) with DDM

TEG-10GBS10 (v1.0R)

- Hot-pluggable SFP+ transceiver
- SFP+ MSA compliant
- Supported throughput: up to 10.5 Gbps
- Single Mode fiber for distances up to 10 km (6.2 miles)
- 1310 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-10GBS10, 10GBASE-LR SFP+ Single Mode LC Module, works with a MSA compliant SFP+ slot. This Single Mode transceiver spans distances up to 10 km (6.2 miles), 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 Single Mode 1310 nm transmissions



Fiber Distance

Supports networking for distances up to 10 km (6.2 miles)



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, 10G FC Rev 4.0, FC-PI-4 Rev 7.0, and IEEE802.3ae 10GBASE-LR/LW

Specifications

Standards

- IEEE 802.3ae
- 10GBASE-SR

Device Interface

- SFP + MSA Compliant
- LC duplex connector

Data Transfer Rate

- 8.5-10 Gbps

Wavelength

- 1310 nm

Optical Output Power

- 0.5 ~ -8.2 dBm

Distance

- 10 km

Special Features

- Hot pluggable
- Metal enclosure
- DDM support

Sensitivity

- -12.6 dBm

Power

- Consumption: 522 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-10GBS10

