



## 10GBASE-ER SFP+ Single Mode LC Module 40 km (24.9 miles) with DDM

TEG-10GBS40 (v1.0R)

- Hot-pluggable SFP+ transceiver
- SFP+ MSA compliant
- Supported throughput up to 10.3 Gbps
- Single Mode fiber for distances up to 40 km (24.9 miles)
- 1550 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-10GBS40, 10GBASE-ER SFP+ Single Mode LC Module, works with a MSA compliant SFP+ slot. This Single Mode transceiver spans distances up to 40 km (24.9 miles), comes with a LC duplex connector, and supports up to 10.3 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 1550 nm transmissions



#### Fiber Distance

Supports networking for distances up to 40 km (24.9 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-8472, IEC-60825, FDA 21 CFR 1040.10/1040.11, and IEEE802.3ae 10GBASE-ER/EW

## Specifications

### Standards

- IEEE 802.3ae
- 10GBASE-ER

### Device Interface

- SFP + MSA Compliant
- LC duplex connector

### Data Transfer Rate

- 8.5 – 10.3 Gbps

### Wavelength

- 1550 nm

### Optical Output Power

- 0 ~ 5 dBm

### Distance

- 40 km

### Special Features

- Hot pluggable
- Metal enclosure
- DDM support

### Sensitivity

- -14 dBm

### Power

- Consumption: 581 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-10GBS40

