

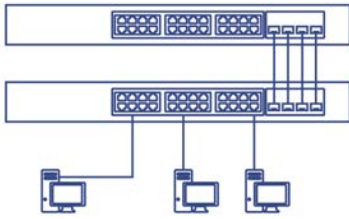


SFP+ Single Mode LC Module (10km)

TEG-10GBS10 (v3.0R)

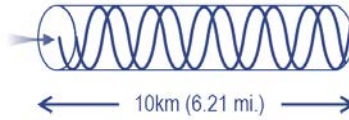
- Transmission distance of up to 10km (6.21 mi.)
- Duplex LC optical interface
- Supports data rates of up to 10.31Gbps
- Supports 1310nm single mode network transmissions
- Low Electromagnetic Interference (EMI) design
- Compliant with IEEE 802.3ae 10 Gigabit Ethernet
- Digital Diagnostics Monitoring (DDM) support
- Small Form-Factor Pluggable (SFP+) and Multi-Source Agreement (MSA) compliant
- Low power consumption

TRENDnet's SFP+ Single Mode LC Modules are compatible with standard SFP+ slots found on network switches and fiber converters. Each single mode 10G SFP+ transceiver is equipped with a duplex LC fiber connection interface, and supports high-speed data rates up to 10.31Gbps. All TRENDnet 10G SFP+ fiber modules support connections for reliable, long-distance network applications.



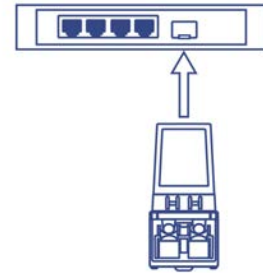
Fiber Applications

Long distance fiber networking for manufacturing, business parks, and school campus applications.



Fiber Mode/Distance

Single mode 10G SFP+ transceiver spans distances up to 10km (6.21 mi.) at gigabit speeds.



Compatibility

Hot-pluggable SFP+ transceiver works with a MSA compliant 10G SFP+ slot.

FEATURES



Fiber Distance

Ideal for long-range networking distances



Data Rate

10GB SFP supports data rates up to 10.31Gbps



Fiber Interface

This single mode fiber SFP+ transceiver supports LC-type duplex connector



Hot-Pluggable SFP

Hot-pluggable 10G SFP+ transceiver compatible with an MSA compliant SFP slot



Fiber Wavelength

Single mode fiber SFP+ module compatible with 1310nm transmissions

SPECIFICATIONS

Standards

- IEEE 802.3
- IEEE 802.3u
- IEEE 802.3z
- IEEE 802.3ae
- 10GBASE-LR

Device Interface

- SFP+ MSA Compliant
- LC duplex connector

Data Transfer Rate

- 10.31Gbps

Wavelength

- 1310nm

Optical Output Power

- -6.2 ~ 0.5 dBm

Distance

- 10km (6.2 mi)

Special Features

- Hot pluggable
- Metal enclosure
- DDM support

Sensitivity

- -15 dBm

Power

- Max. Consumption: 0.8W

Operating Temperature

- 0° – 70° C (32° – 158° F)

Operating Humidity

- Max. 95% non-condensing

Dimensions

- 58 x 13.4 x 12.6mm (2.2 x 0.5 x 0.5 in.)

Weight

- 18g (0.6 oz.)

Certifications

- CE
- FCC

Warranty

- 3 year

Package Contents

- TEG-10GBS10
- Quick Installation Guide