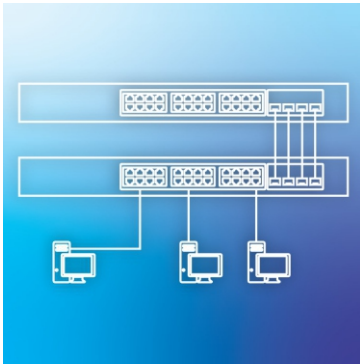


## SFP+ Single Mode LC Module (20km)

TEG-10GBS20 (v1.xR)

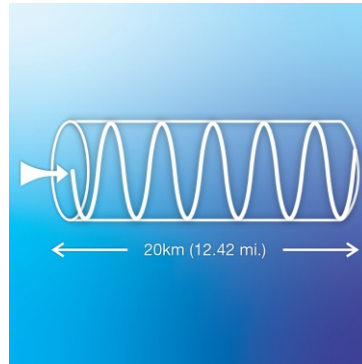
- Transmission distance of up to 20km (12.42 mi.)
- Duplex LC optical interface
- Supports data rates of up to 10.31Gbps
- Supports 1310nm single mode network transmissions
- Low Electromagnetic Interference (EMI) design
- Compliant with IEEE 802.3ae 10 Gigabit Ethernet
- Digital Diagnostics Monitoring (DDM) support
- Small Form-Factor Pluggable (SFP+) and Multi-Source Agreement (MSA) compliant
- Low power consumption
- Lifetime Warranty
- NDAA / TAA compliant (U.S. and Canada only)

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.



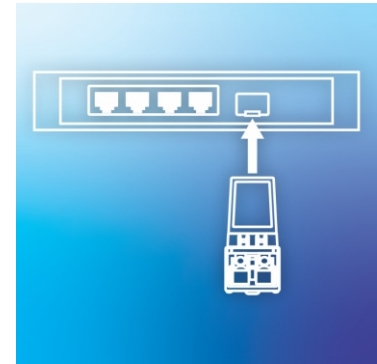
### Fiber Applications

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



### Fiber Distance

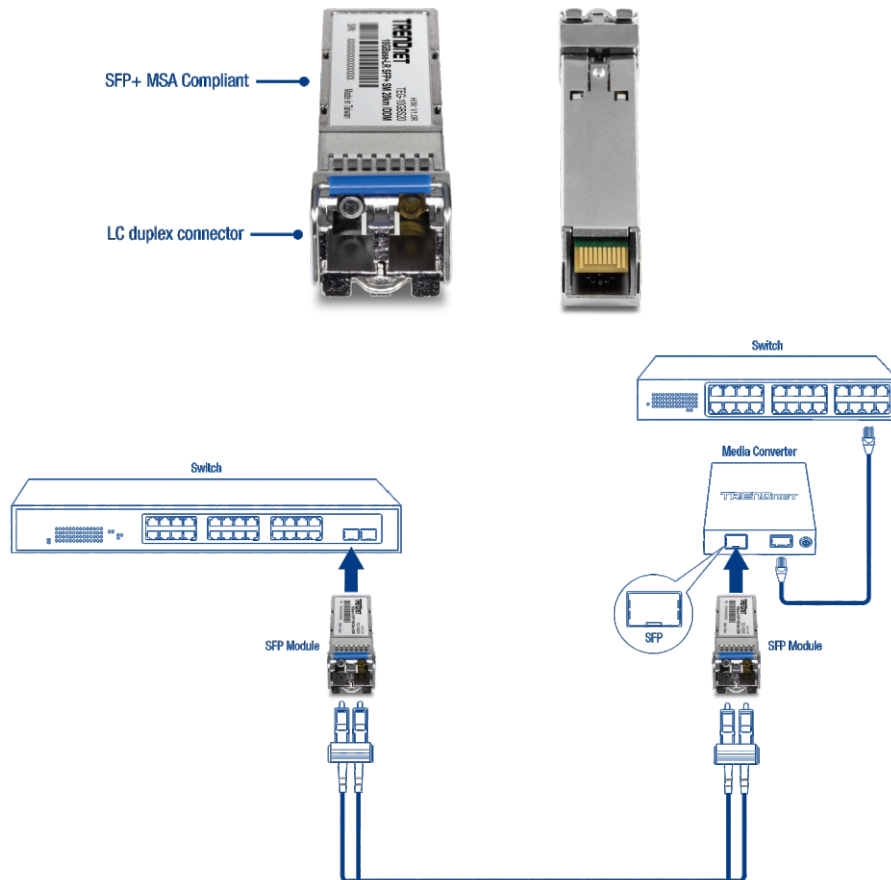
Single mode 10G SFP+ transceiver spans distances up to 20km (12.42 mi.) at 10G speeds.



### Compatibility

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

## NETWORKING SOLUTION



## FEATURES



### Fiber Distance

Ideal for long-range networking distances up to 20km (12.42 mi.)



### Fiber Interface

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



### Fiber Wavelength

Single mode fiber SFP+ module compatible with 1310nm wavelength



### Data Rate

10G SFP+ supports data rates up to 10.31Gbps



### Hot-Pluggable SFP

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

## 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

- -5 ~ 1 dBm

### Distance

- 20km (12.4 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

- Lifetime Warranty

### Package Contents

- TEG-10GBS20

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.

TRENDnet offers a lifetime warranty for all of its metal-enclosed network switches that have been purchased in the United States/Canada on or after 1/1/2015. Cooling fan and internal power supply carry a one-year warranty.