

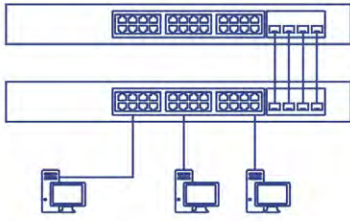


## SFP Single Mode LC Module (20km)

TEG-MGBS20 (v1.0R)

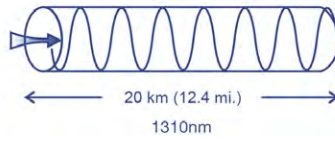
- Compliant with IEEE 802.3z Gigabit Ethernet
- ANSI Fiber Channel compliant
- Small Form-Factor Pluggable (SFP) and Multi-Source Agreement (MSA) compliant
- Supports data rates of up to 1.25Gbps
- Transmission distance of up to 20km (12.4 mi.)
- Low Electromagnetic Interference (EMI) design
- Supports 1310nm singlemode network transmissions
- Duplex LC optical interface
- Low power consumption
- Lifetime Warranty

TRENDnet's SFP Single Mode LC Module, model TEG-MGBS20, is compatible with standard SFP slots found on network switches and fiber media converters. Each TEG-MGBS20 single mode fiber SFP is equipped with a duplex LC fiber connection interface, supports high-speed data rates up to 1.25Gbps, and supports gigabit single mode fiber connections for long distance network applications up to 20km (12.4 mi.).



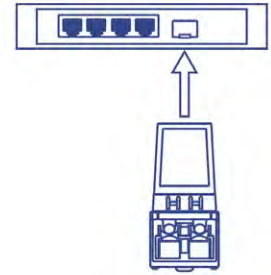
### Fiber Applications

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



### Fiber Mode/Distance

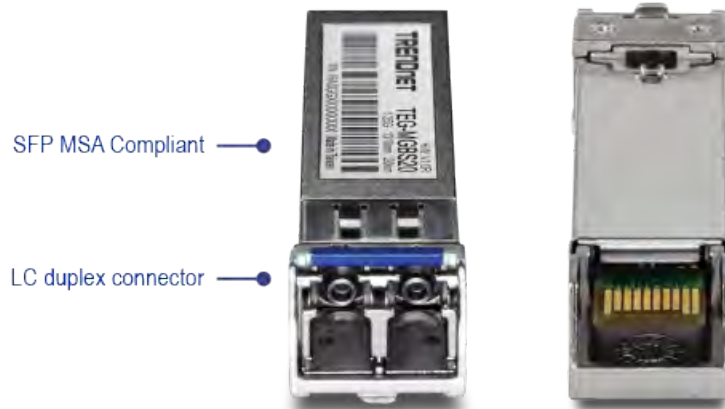
Single-mode transceiver spans distances up to 20km (12.4 mi.) at gigabit speeds.



### Compatibility

Hot-pluggable with an MSA compliant SFP slot and compatible with fiber cables with LC-type duplex connectors.

## NETWORKING SOLUTION



## FEATURES



### Hot-Pluggable SFP

Hot-pluggable SFP transceiver compatible with an MSA compliant SFP slot



### Fiber Wavelength

Single mode fiber SFP compatible with 1310nm transmissions



### Fiber Distance

Supports networking for distances up to 20km (12.4 mi.)



### Fiber Interface

This single mode fiber SFP supports LC-type duplex connector

## SPECIFICATIONS

### Standards

- IEEE 802.3
- IEEE 802.3u
- IEEE 802.3z

### Device Interface

- SFP MSA Compliant
- LC duplex connector

### Data Transfer Rate

- 1.25Gbps

### Wavelength

- 1310nm

### Optical Output Power

- -9 ~ -3 dBm

### Distance

- 20km (12.42 mi)

### Special Features

- Hot pluggable
- Metal enclosure

### Sensitivity

- -22 dBm

### Power

- Max. Consumption: 0.8W

### Operating Temperature

- 0° – 70° C (32° – 158 °F)

### Operating Humidity

- Max. 85% non-condensing

### Dimensions

- 57 x 13 x 12 mm (2.2 x 0.5 x 0.5 in.)

### Weight

- 18g (0.6 oz.)

### Certifications

- CE
- FCC

### Warranty

- Lifetime Warranty

### Package Contents

- TEG-MGBS20
- Quick Installation Guide

TRENDnet offers a lifetime warranty on selected fiber networking products that have been purchased in the United States/Canada on or after 1/1/2019.

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.