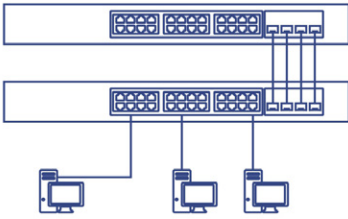


## SFP Single Mode LC Module (20km)

TEG-MGBS20 (v1.0R)

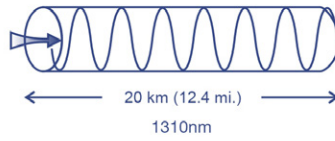
- Compliant with IEEE 802.3z Gigabit Ethernet
- ANSI Fiber Channel compliant
- Small Form-Factor Pluggable (SFP) and Multi-Source Agreement (MSA) compliant
- Supports data rates of up to 1.25Gbps
- Transmission distance of up to 20km (12.4 mi.)
- Low Electromagnetic Interference (EMI) design
- Supports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

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.).



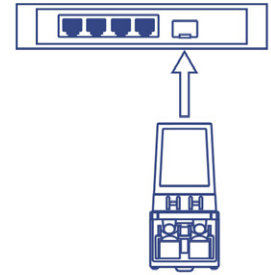
### Fiber Applications

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



### Fiber Mode/Distance

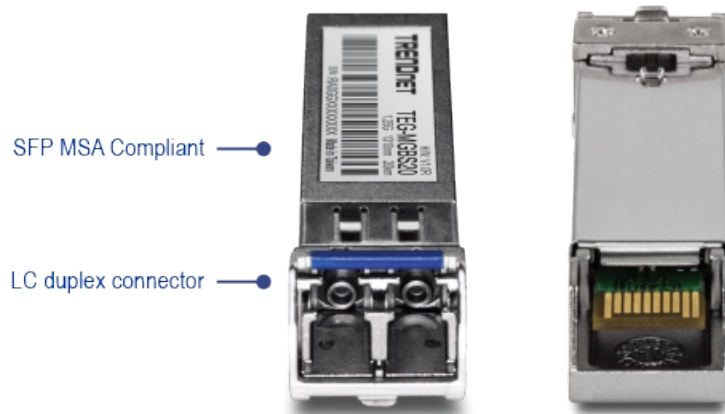
Single-mode transceiver spans distances up to 20km (12.4 mi.) at gigabit speeds.



### 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

- 3 year

### Package Contents

- TEG-MGBS20
- Quick Installation Guide

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.