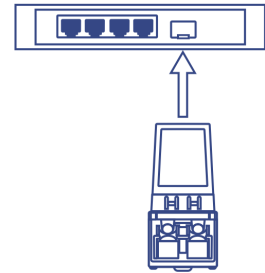
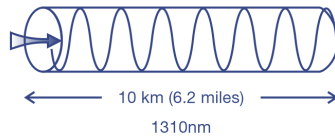
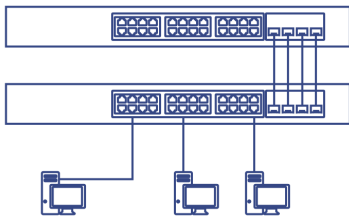


## SFP Single Mode LC Module (10km)

TEG-MGBS10 (v4.0R)

- Transmission distance of up to 10km (6.21 mi.)
- Duplex LC optical interface
- Supports data rates of up to 1.25Gbps
- Supports 1310nm singlemode network transmissions
- Low Electromagnetic Interference (EMI) design
- Compliant with IEEE 802.3z Gigabit Ethernet
- ANSI Fiber Channel compliant
- 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 SFP transceiver is equipped with a duplex LC fiber connection interface, and supports high-speed data rates up to 1.25Gbps. All TRENDnet 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.

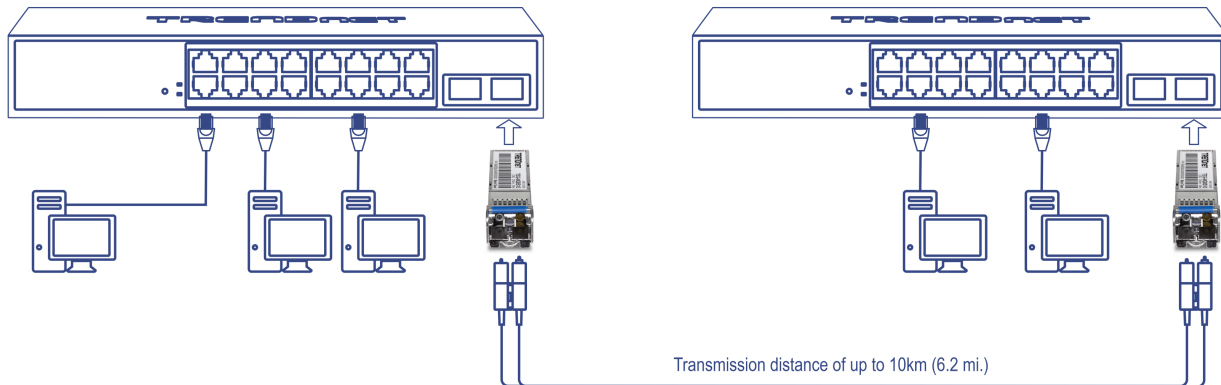
### Fiber Mode/Distance

Single Mode transceiver spans distances up to 10km (6.2 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



LC duplex connector



SFP MSA Compliant



## FEATURES



### Hot-Pluggable SFP

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



### Fiber Wavelength

Compatible with single mode 1310nm transmissions



### Fiber Distance

Supports networking for distances up to 10km (6.2 mi.)



### Fiber Interface

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

- 10km (6.2 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 12mm (2.2 x 0.5 x 0.5 in.) per unit

### Weight

- 18g (0.6 oz.) per unit

### Certifications

- CE
- FCC

### Warranty

- 3 year

### Package Contents

- TEG-MGBS10
- Quick Installation Guide