

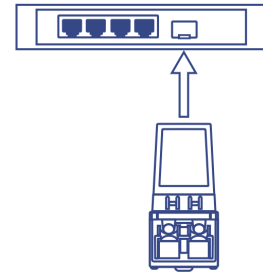
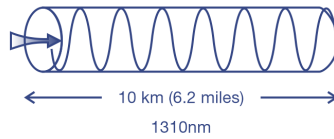
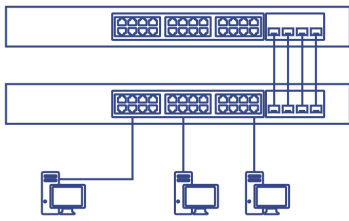


SFP Single Mode LC Module (10km)

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.

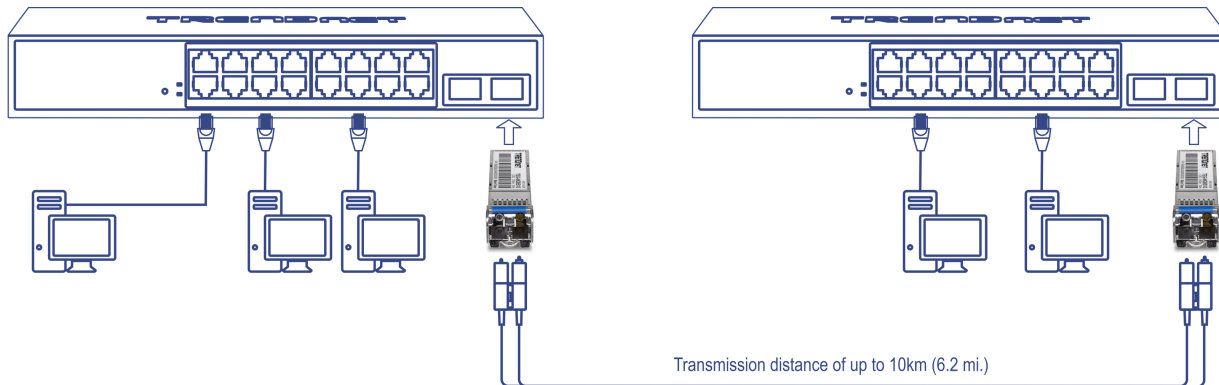
Fiber Mode/Distance

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