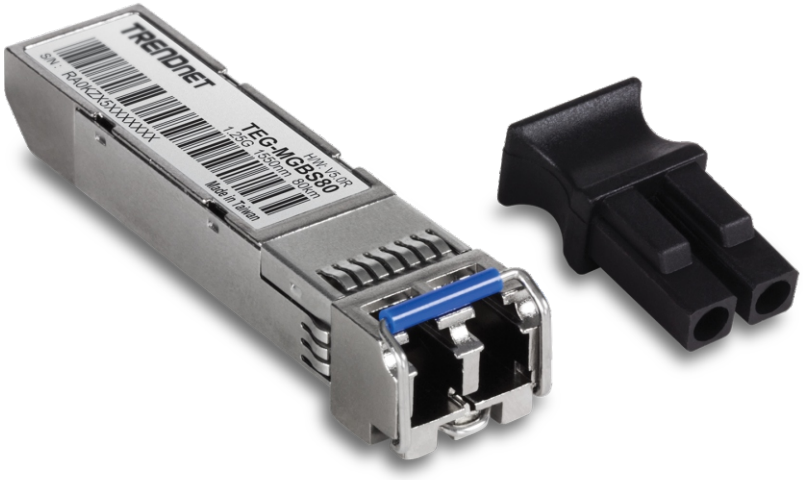
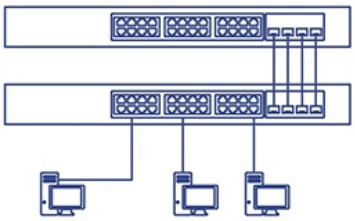


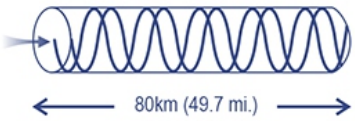
SFP Single Mode LC Module (80km)

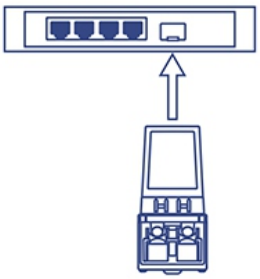
TEG-MGBS80 (v5.0R)

- Transmission distance of up to 80km (49.7 mi.)
- Duplex LC optical interface
- Supports data rates of up to 1.25Gbps
- Supports 1550nm 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
- Lifetime Warranty

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 SFP transceiver spans distances up to 80km (49.7 mi.) at gigabit speeds.

Compatibility

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

FEATURES

Fiber Distance

Ideal for long-range networking distances

Fiber Interface

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

Fiber Wavelength

Single mode fiber SFP module compatible with 1550nm transmissions

Hot-Pluggable SFP

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

SPECIFICATIONS

Standards

- IEEE 802.3
- IEEE 802.3u
- IEEE 802.3z

Device Interface

- SFP MSA Compliant
- LC/UPC duplex connector

Data Transfer Rate

- 1.25Gbps

Wavelength

- 1550nm

Optical Output Power

- -2 ~ 3 dBm

Distance

- 80km (49.7 mi)

Special Features

- Hot pluggable
- Metal enclosure

Sensitivity

- -26 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-MGBS80
- 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.

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