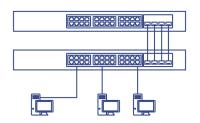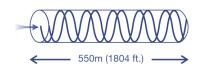# TRENDNET®

SFP Multi-Mode LC Module (550m)

TEG-MGBSX (4.0R)

- Transmission distance of up to 550m (1804 ft.)
- Supports data rates of up to 1.25Gbps
- Compliant with IEEE 802.3z Gigabit Ethernet
- ANSI Fiber Channel compliant
- Small Form-Factor Pluggable (SFP) and Multi-Source Agreement (MSA) compliant
- Low Electromagnetic Interference (EMI) design
- Supports 850nm multi-mode network transmissions
- Duplex LC optical interface
- Low power consumption

TRENDnet's SFP Multi-Mode LC Module, model TEG-MGBSX, are compatible with standard SFP slots found on network switches and fiber media converters. The Multi-Mode SFP LC module is equipped with a duplex LC fiber connection interface, and supports gigabit multi-mode fiber connections for long distance networking applications.

Fiber Applications
Long distance fiber networking for manufacturing, business parks, and school campus applications.
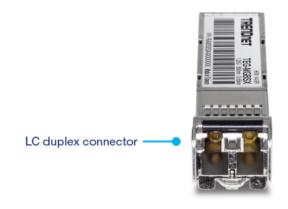
Fiber Mode/Distance
Multi-Mode transceiver spans distances up to 550m (1804 ft.) at gigabit speeds.

550m (1804 ft.)

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 LC transceiver compatible with an MSA compliant SFP slot

Fiber Wavelength
Compatible with multi-mode 850nm transmissions

Fiber Distance
The multi-mode SFP supports networking for distances up to 550m (1804 ft.)

Fiber Interface
SFP duplex LC 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
- 850nm

Optical Output Power
- -9 ~ -3 dBm

Distance
- 550m (1804 ft.)

Special Features
- Hot pluggable
- Metal enclosure

Sensitivity
- -20 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-MGBSX
- 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.

Updated: 2/10/2021