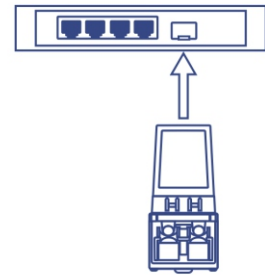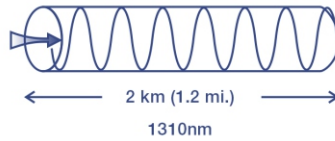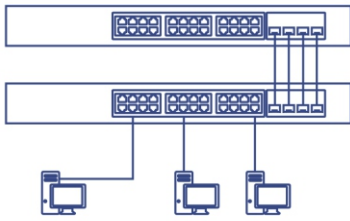# TRENDnet®

100Base-FX SFP Multi-Mode LC Module (2km)

TE100-MGBFX (v3.0R)

- Transmission distance of up to 2km (1.2 mi.)
- Supports data rates of up to 155Mbps
- ANSI Fiber Channel compliant
- Small Form-Factor Pluggable (SFP) and Multi-Source Agreement (MSA) compliant
- Low Electromagnetic Interference (EMI) design
- Supports 1310nm multi-mode network transmissions
- Duplex LC optical interface
- Low power consumption
- Lifetime Warranty

TRENDnet's 100Base-FX SFP Multi-Mode LC Module, model TE100-MGBFX, is 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.

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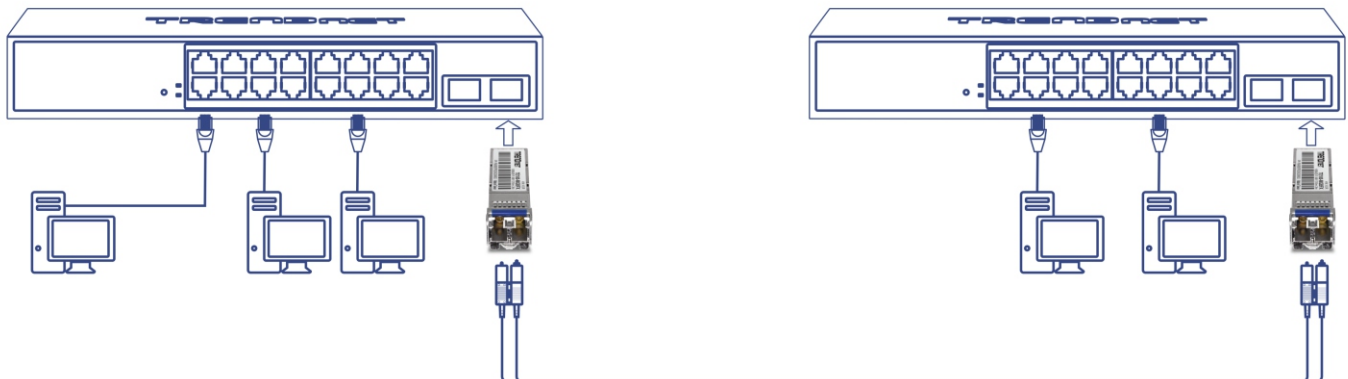Long distance fiber networking for manufacturing, business parks, and school campus applications.

Fiber Mode & Distance
Multi-mode transceiver spans long distances up to 2km (1.2 mi.).

2 km (1.2 mi.)
1310nm

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

NETWORKING SOLUTION

Small Form-Factor Pluggable (SFP) and Multi-Source Agreement (MSA) compliant

LC duplex connector

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FEATURES

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

Fiber Wavelength
Compatible with multi-mode 1310nm transmissions

Fiber Distance
The multi-mode SFP supports networking for distances up to 2km (1.2 mi.)

Fiber Interface
SFP duplex LC connector

SPECIFICATIONS

Standards
• IEEE 802.3
• IEEE 802.3u

Device Interface
• SFP MSA Compliant
• LC duplex connector

Data Transfer Rate
• 155Mbps

Wavelength
• 1310nm

Optical Output Power
• -20 ~ -12 dBm

Distance
• 2km (1.24 mi)

Special Features
• Hot pluggable
• Metal enclosure

Sensitivity
• -30 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

Package Contents
• TEG-MGBS10
• 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.

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.