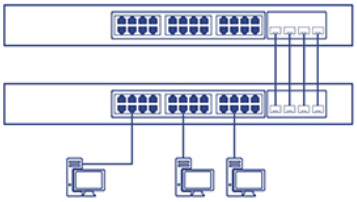


SFP Dual Wavelength Single Mode LC Module (20km)

TEG-MGBS20D5 (v2.0R)

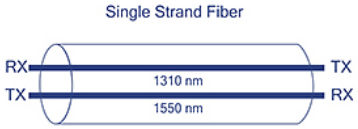
- Must pair with TEG-MGBS20D3 or other compatible module
- Transmission distance of up to 20km (12.42 mi.)
- LC Simplex (single strand) connector type
- Bi-Directional (WDM) SFP Module
- Supports data rates of up to 1.25Gbps
- Supports 1550nm in Tx and 1310nm in Rx
- Low Electromagnetic Interference (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 Dual Wavelength 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 simplex 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

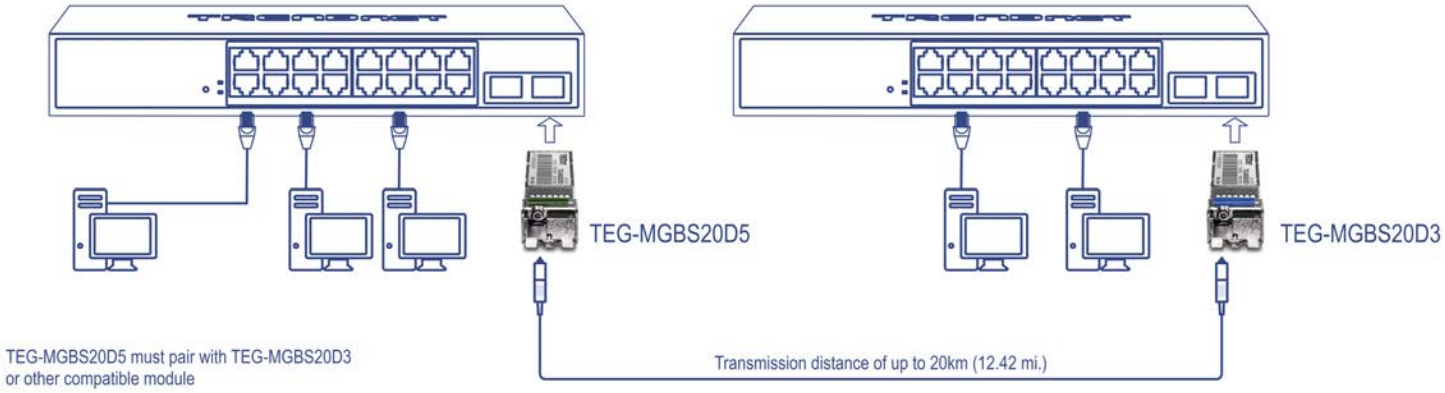
Single mode SFP transceiver spans distances up to 20km (12.42 mi.) at gigabit speeds.

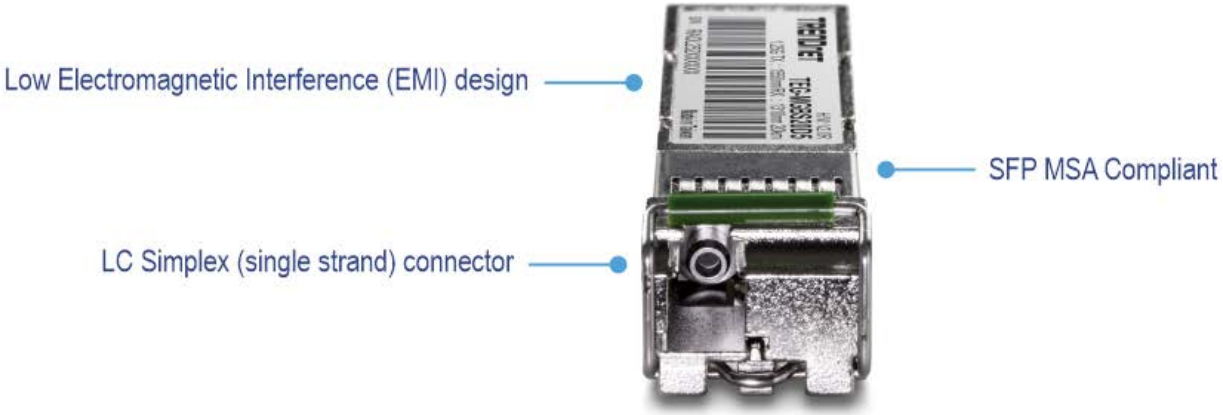


Compatibility

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

NETWORKING SOLUTION





FEATURES

Fiber Distance
Ideal for long-range networking distances up to 20km (12.42 mi.)

Fiber Interface
This single mode fiber BiDi SFP transceiver supports LC-type simplex connector

Bi-Directional Fiber
Transmit: 1550nm / Receive: 1310nm, pair with TEG-MGBS20D3 or compatible SFP module

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

Operating Temperature
Rated for an operating temperature range of 0° - 70° C (-32° - 158° F)

SPECIFICATIONS

Standards
- IEEE 802.3
- IEEE 802.3u
- IEEE 802.3z

Device Interface
- SFP MSA Compliant
- LC/UPC Simplex connector

Data Transfer Rate
- 1.25Gbps

Wavelength
- TX: 1550nm
- RX: 1310nm

Optical Output Power
- -9 ~ -3 dBm

Distance
- 20km (12.42 mi)

Special Features
- Hot pluggable
- Metal enclosure

Sensitivity
- -25 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-MGBS20D5
- 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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