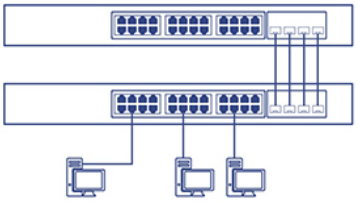


SFP Dual Wavelength Single Mode LC Module (20km)

TEG-MGBS20D3 (v2.0R)

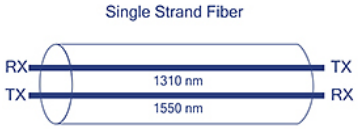
- Must pair with TEG-MGBS20D5 or other compatible module
- Transmission distance of up to 20km (12.42 mi.)
- LC Simplex (single strand) connector type
- Bi-Directional (WDM) SFP Module
- Supports data rates of up to 1.25Gbps
- Supports Transmit: 1310nm / Receive: 1550nm
- Low Electromagnetic Interference (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 BiDi 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

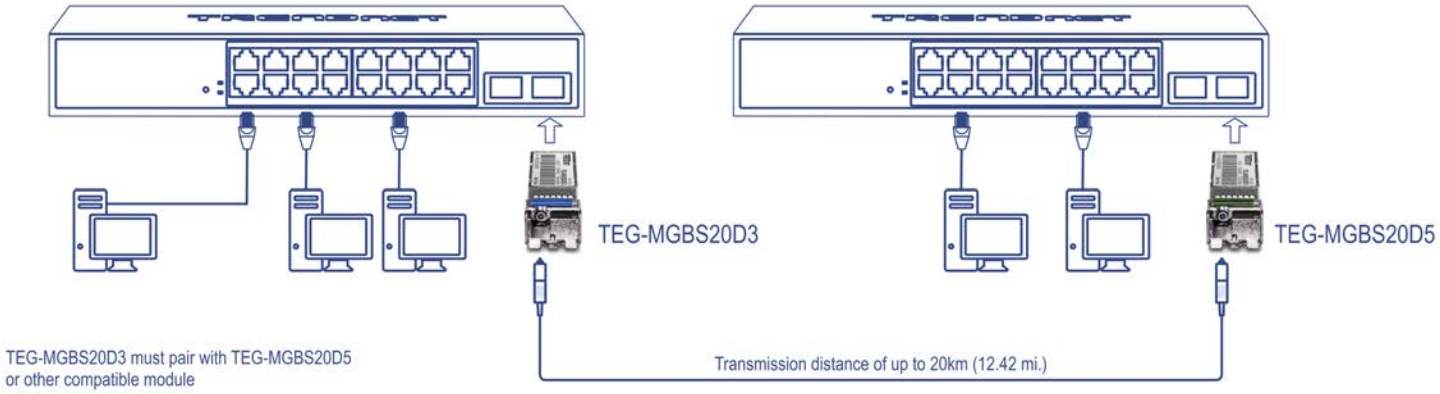
Single mode SFP transceiver spans distances up to 20km (12.42 mi.) at gigabit speeds.

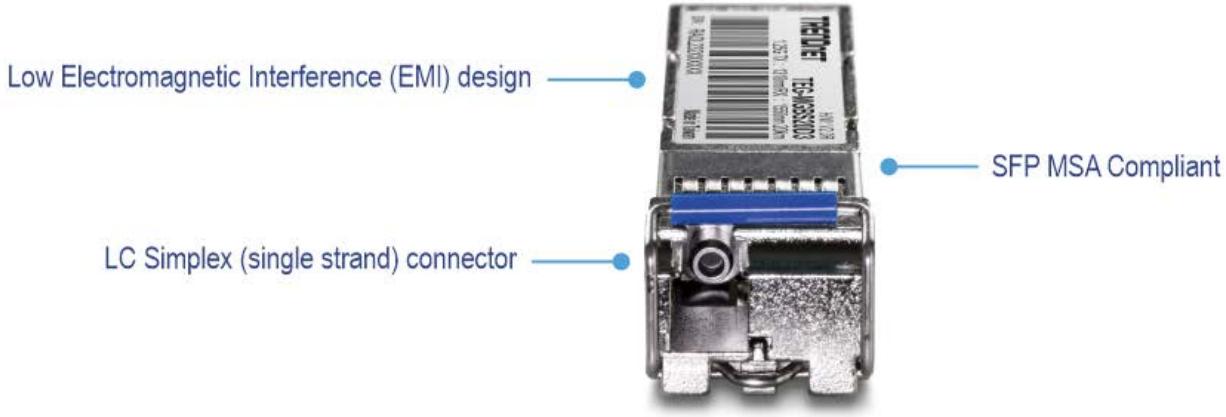


Compatibility

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 SFP
Transmit: 1310nm / Receive: 1550nm, pair with TEG-MGBS20D5 or compatible SFP module

Hot-Pluggable SFP
Hot-pluggable WDM SFP module compatible with an MSA compliant SFP slot

Operating Temperature
This BiDi SFP module is 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: 1310nm
- RX: 1550nm

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-MGBS20D3
- 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.

20675 Manhattan Place • Torrance • CA 90501 • USA • T: 1-888-326-6061 • F: 1-310-961-5511 • sales@trendnet.com • www.TRENDnet.com

TRENDnet is a registered trademark. Other Brands and product names are trademarks of their respective holders. Information provided in this document pertain to TRENDnet products and is subject to change at any time, without notice. For the most recent product information please visit http://www.trendnet.com. Copyright © TRENDnet. All Rights Reserved.

Updated: 8/27/2021