

## SFP Dual Wavelength Single-Mode LC Module

### TEG-MGBS20D3 (v1.0R)

- Must pair with TEG-MGBS20D5 or other compatible module
- LC Simplex (single strand) connector-type
- Bi-Directional (WDM) SFP Module
- Spans distances up to 20 km (12.4 miles)
- Tx: 1310 nm / Rx: 1550 nm, +3.3 v Power Supply

TRENDnet's TEG-MGBS20D3 when paired with the TEG-MGBS20D5 creates a long distance, single strand fiber solution with a range of up to 20 km (12.4 miles). Alternatively grow your pre-existing two-strand fiber connection, and turn it into two separate single-strand fiber connections. The SFP interface is compatible with standard SFP slots and offers a 1000BASE-LX SFP interface.



### Hot-Pluggable SFP

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



### Bi-Directional Fiber

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



### Fiber Distance

Supports networking for distances up to 20 km (12.4 miles)



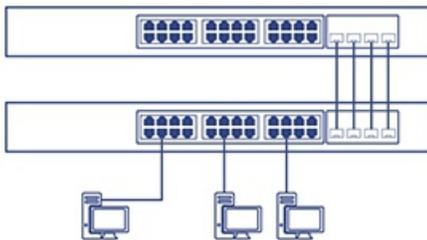
### Fiber Port

LC-type simplex connector



### Operating Temperature

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



### Fiber Applications

Long distance fiber networking for industrial, manufacturing, corporate and educational campus applications.

### Fiber Mode / Distance

Single Mode transceiver spans distances up to 20 km (12.4 miles) and supports up to 1.25 Gbps throughput speeds.

### Compatibility

Compatible with TRENDnet SFP switches, adapters and many third-party SFP solutions

LC-type simplex connector



## Specifications

### Standards

- IEEE 802.3z
- ANSI Fiber Channel compliant
- Class 1 Laser

### Device Interface

- SFP MSA Compliant
- Simplex LC connector

### Data Transfer Rate

- 1.25 Gbps

### Wavelength

- TX: 1310 nm
- RX: 1550 nm

### Optical Output Power

- -3 ~ -9 dBm

### Distance

- 20 km (12.4 miles)

### Special Features

- Hot pluggable
- Bi-directional (WDM) SFP module

### Sensitivity

- -23 dBm

### Power Consumption

- 0.8 watts

### 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

- 18 g (0.6 oz.)

### Certifications

- CE
- FCC

### Warranty

- Lifetime Warranty\*

### Package Contents

- TEG-MGBS20D3

TRENDnet offers a limited lifetime warranty on selected fiber networking products that have been purchased in the United States/Canada on or after 1/1/2019.

