

SFP Dual Wavelength Single-Mode LC Module

TEG-MGBS20D5 (v1.0R)

- Must pair with TEG-MGBS20D3 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: 1550 nm / Rx: 1310 nm, +3.3 v Power Supply

TRENDnet's TEG-MGBS20D5 when paired with the TEG-MGBS20D3 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: 1550 nm / Receive: 1310 nm, pair with TEG-MGBS20D3 or compatible SFP module



Fiber Distance

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



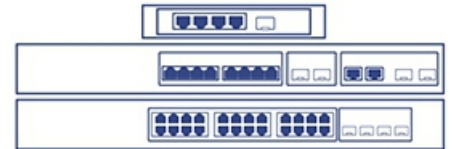
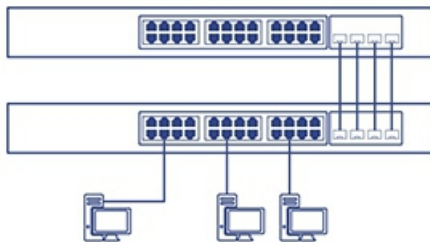
Fiber Port

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 duplex connector

Data Transfer Rate

- 1.25 Gbps

Wavelength

- TX: 1550 nm
- RX: 1310 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-MGBS20D5

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.

