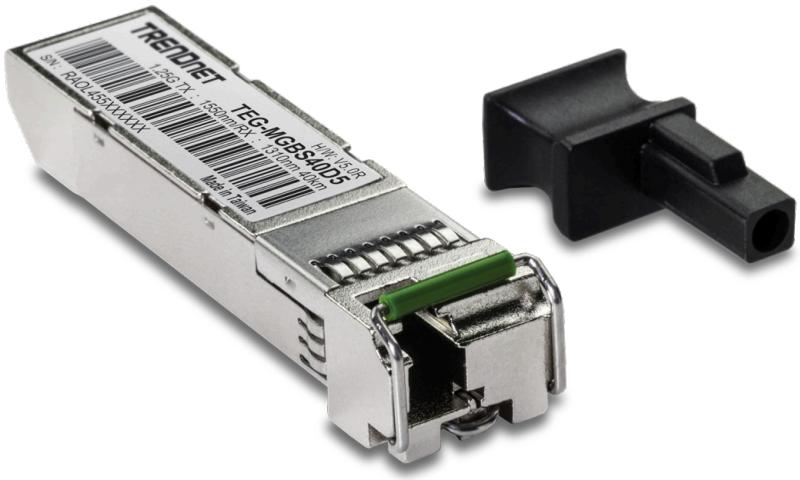
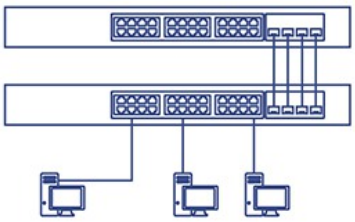



# SFP Dual Wavelength Single Mode LC Module (40km)

TEG-MGBS40D5 (v5.0R)

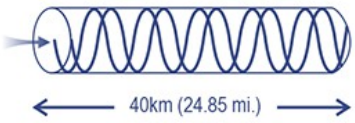
- Must pair with TEG-MGBS40D3 or other compatible module
- Transmission distance of up to 40km (24.85 mi.)
- LC Simplex (single strand) connector type
- Bi-Directional (WDM) SFP Module
- Supports data rates of up to 1.25Gbps
- Supports 1550nm in Tx and 1310nm in Rx
- Low Electromagnetic Interference (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
- NDAA / TAA compliant (U.S. and Canada only)

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.



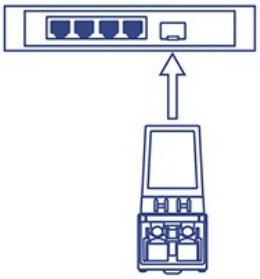
### Fiber Applications

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




### Fiber Mode/Distance

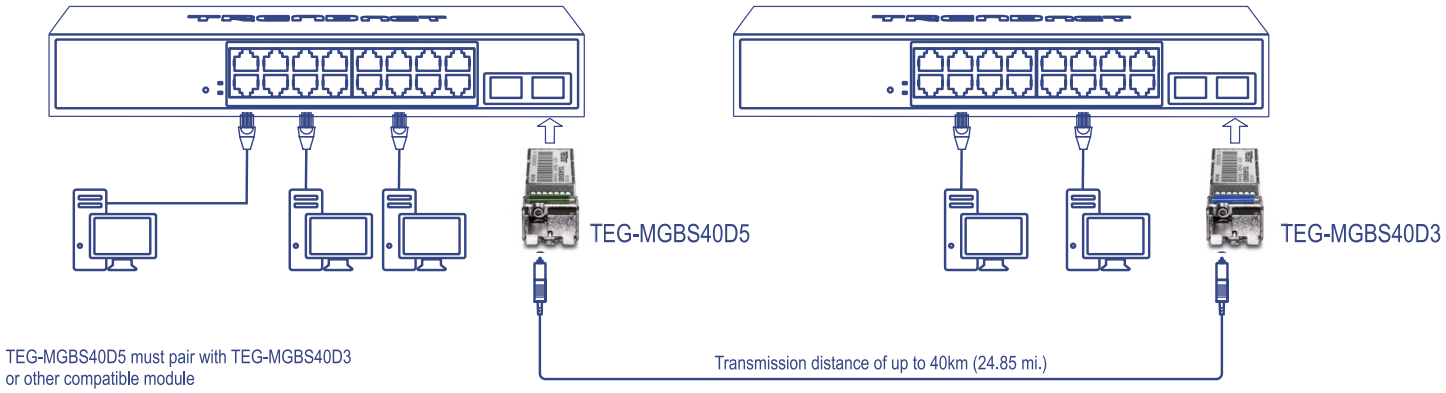
Single mode SFP transceiver spans distances up to 40km (24.85 mi.) at gigabit speeds.



### 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 40km (24.85 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-MGBS40D3 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
- -3 ~ 3 dBm

### Distance
- 40km (24.85 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
- 3 year

### Package Contents
- TEG-MGBS40D5
- Quick Installation Guide

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.

TRENDnet offers a lifetime warranty for all of its metal-enclosed network switches that have been purchased in the United States/Canada on or after 1/1/2015. Cooling fan and internal power supply carry a one-year warranty.

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