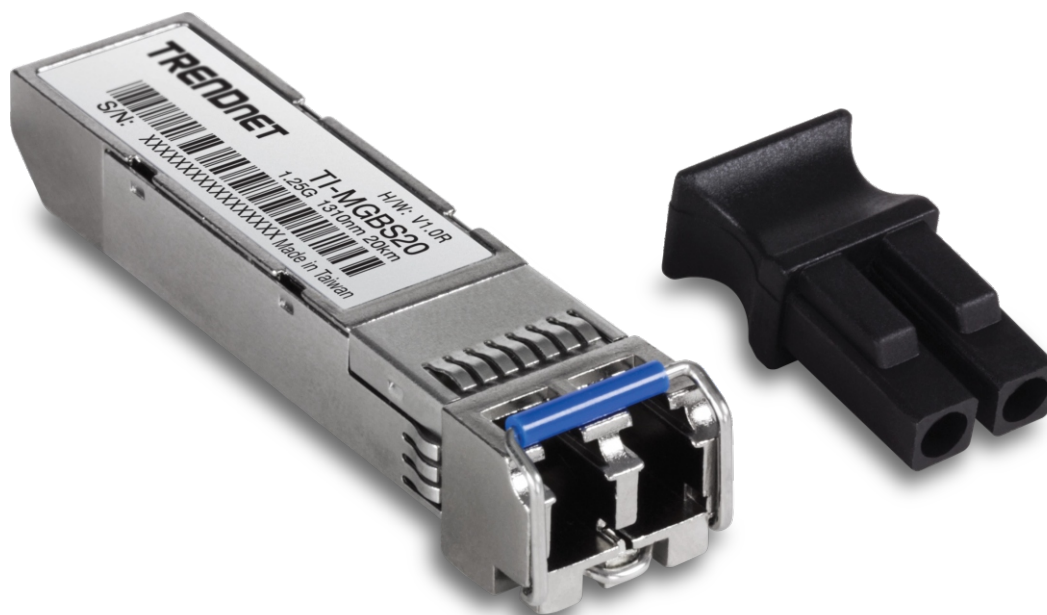


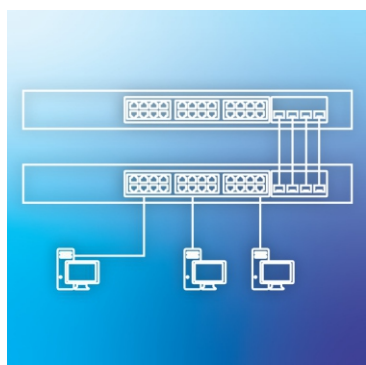


1000Base-LX Industrial SFP Single- Mode LC Module (20km)

TI-MGBS20 (v1.xR)

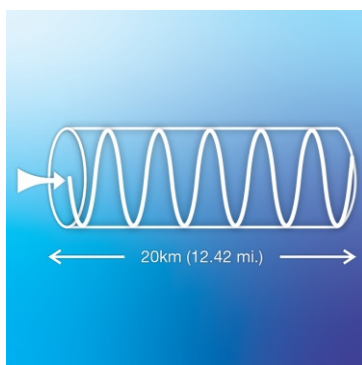
- Compliant with IEEE 802.3z Gigabit Ethernet
- ANSI Fiber Channel compliant
- Small Form-Factor Pluggable (SFP) and Multi-Source Agreement (MSA) compliant
- Extreme operating temperature range of -40° – 85 ° C (-40° – 185 ° F)
- Supports data rates of up to 1.25Gbps
- Transmission distance of up to 20km (12.42 mi.)
- Low Electromagnetic Interference (EMI) design
- Supports 1310nm single -mode network transmissions
- Duplex LC optical interface
- Low power consumption
- Lifetime Warranty
- NDAA / TAA compliant (U.S. and Canada only)

TRENDnet's 1000Base-LX Industrial SFP Single -Mode LC Module, model TI-MGBS20, is designed to operate within an extreme temperature range and is well suited for industrial environments. This industrial SFP module works with standard SFP slots found on industrial switches and fiber media converters. The TI-MGBS20 industrial SFP is compatible with duplex LC fiber connector types and supports gigabit single- mode fiber connections at distances of up to 20 km (12.42 mi.).



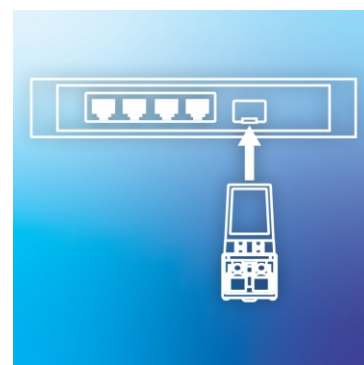
Fiber Applications

Long- distance fiber networking for industrial, manufacturing, corporate, and /university campus applications.



Fiber Distance

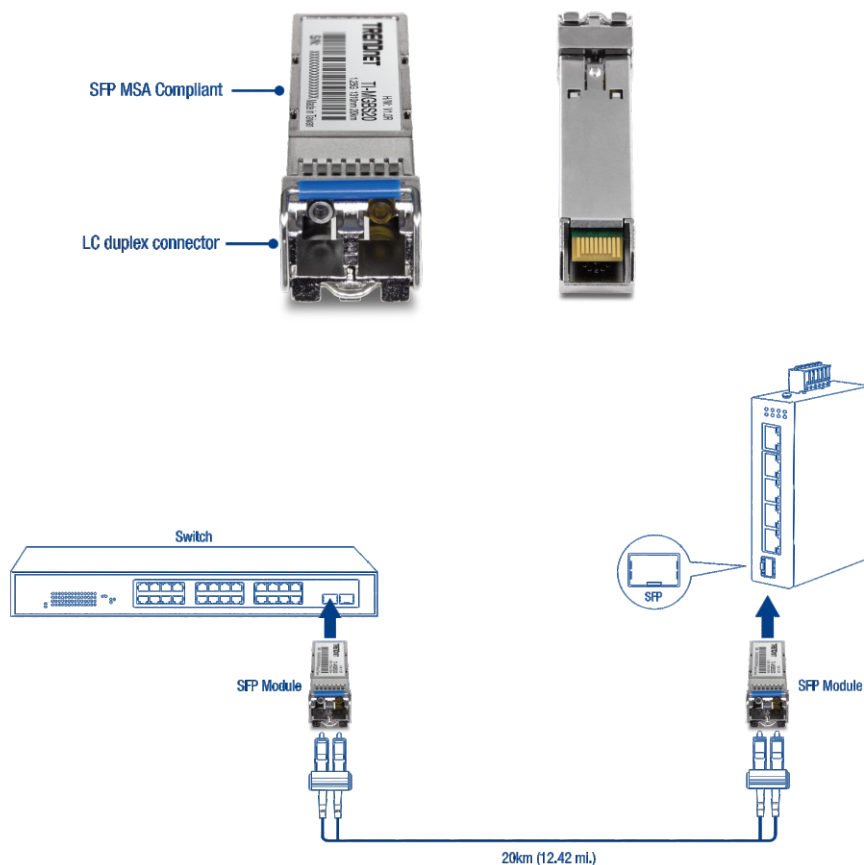
Single- Mode transceiver spans distances up to 20km (12.42 mi.) and supports up to 1.25Gbps.



Compatibility

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

NETWORKING SOLUTION



FEATURES



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



Fiber Wavelength
Compatible with single mode 1310nm wavelength



Fiber Distance
This industrial SFP Supports networking for distances up to 20km (12.42 mi.)



Fiber Interface
LC-type duplex connector



Operating Temperature
The industrial SFP is rated for an extreme operating temperature range of -40°– 85 ° C (-40° – 185 ° F)

SPECIFICATIONS

Standards

- IEEE 802.3
- IEEE 802.3u
- IEEE 802.3z
- 1000BASE-LX

Device Interface

- SFP MSA Compliant
- LC/UPC duplex connector

Data Transfer Rate

- 1.25Gbps

Wavelength

- 1310nm

Optical Output Power

- -9 ~ -3 dBm

Distance

- 20km (12.42 mi)

Special Features

- Hot pluggable
- Metal enclosure

Sensitivity

- -23 dBm

Power

- Consumption: 1W

Operating Temperature

- -40° – 85° C (-40° – 185° 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

- 19g (0.67 oz.)

Certifications

- CE
- FCC

Warranty

- Lifetime Warranty

Package Contents

- TI-MGBS20

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.