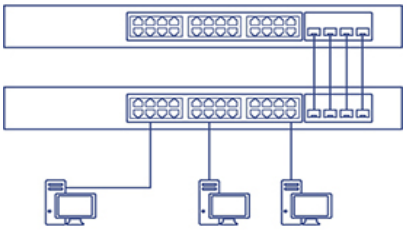
100Base-FX SFP Single-Mode LC Module (20 km)

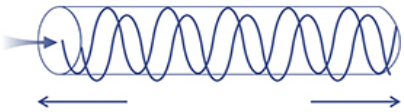
TE100-MGBS20 (v1.2R)

- Compatible with standard SFP (Mini-GBIC) slots
- Supports 155 Mbps connection speeds
- Supports 1310 nm Single-Mode network transmissions
- Compatible with Duplex-LC fiber connector types
- Supports fiber connections for distances up to 20 km (12.4 miles)

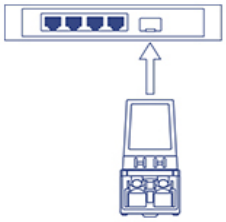
The 100Base-FX SFP Single-Mode LC Module, model TE100-MGBS20, works with standard SFP (Mini-GBIC) slots on most switches and supports Single-Mode network transmission speeds of up to 155 Mbps. The TE100-MGBS20 is compatible with Duplex-LC fiber connector types and supports fiber optic connection distances of up to 20 kilometers (12.4 miles).



Fiber Applications
Long distance fiber networking for industrial, manufacturing, and corporate / education campus applications.

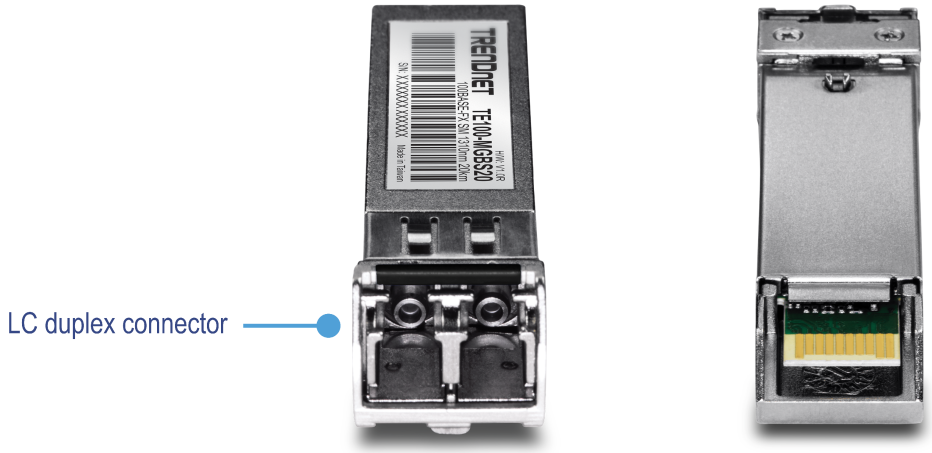


Fiber Mode / Distance
Single-Mode transceiver spans distances up to 20 km (12.4 miles) and supports up to 155 Mbps.



Compatibility
Hot-pluggable with a MSA compliant SFP slot and compatible with fiber cables with LC-type duplex connectors.

Networking Solution



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

Fiber Wavelength
Compatible with Single-Mode 1310 nm transmissions

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

Fiber Interface
LC-type duplex connector

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

Specifications

Standards	• IEEE 802.3u
Device Interface	• SFP + MSA Compliant • LC/UPC duplex connector
Data Transfer Rate	• 155 Mbps
Wavelength	• 1310 nm
Optical Output Power	• -15 ~ -8 dBm
Distance	• 20 km (1.24 miles)
Special Features	• Hot pluggable • Metal enclosure
Sensitivity	• -34 dBm
Power	• Consumption: 439 mW

Operating Temperature	• 0 – 70 °C (32 - 158 °F)
Operating Humidity	• Max. 90% non-condensing
Dimensions	• 13 x 53 x 10 mm (0.5 x 2.1 x 0.4 in)
Weight	• 18 g (0.6 oz.)
Certifications	• CE • FCC
Warranty	• Lifetime Warranty*

PACKAGE CONTENTS
• TE100-MGBS20

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.

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: 5/11/2018