

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

TE100-MGBS20 (v1.0R)

- 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).



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)



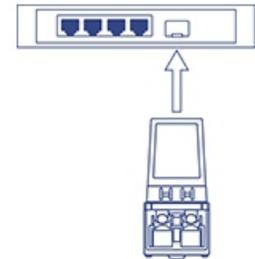
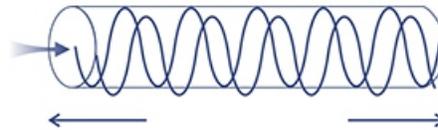
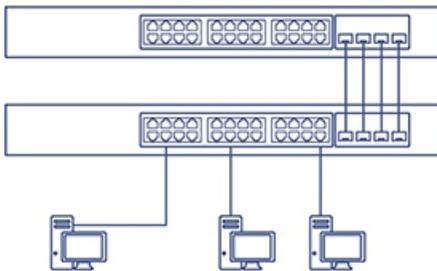
Fiber Interface

LC-type duplex connector



Operating Temperature

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



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

LC duplex connector



Specifications

Standards

- IEEE 802.3u

Device Interface

- SFP + MSA Compliant
- LC duplex connector

Data Transfer Rate

- 155 Mbps

Wavelength

- 1310 nm

Optical Output Power

- -15 ~ -8 dBm

Distance

- 20 km (12.4 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

- 3-year warranty

Package Contents

- TE100-MGBS20

