



SFP Multi-Mode LC Module (550m)

TEG-MGBSX (3.0R)

- LC Duplex connector-type
- Spans distances up to 550 m (1800 ft.)
- Compatible with standard SFP slots

The TEG-MGBSX Mini-GBIC Multi Mode module works with standard Mini-GBIC slots on most switches. This Multi-Mode LC Type module spans distances up to 550m (1,800ft).

Technical Features

- Compliant with IEEE 802.3z Gigabit Ethernet
- ANSI Fiber Channel compliant
- Compliant with Small Form-Factor Pluggable (SFP) Multi-Source Agreement (MSA) ports
- Supports data rate of up to 1.25 Gbps
- Transmission distance of up to 550 m (1800ft.)
- Metal Enclosure with low Electromagnetic Interference (EMI) design
- Duplex LC optical interface
- Hot pluggable
- Low power consumption
- 3-year limited warranty

Specifications

Standards

- IEEE 802.3z Gigabit Ethernet
- ANSI Fiber Channel compliant
- Class 1 Laser

Interface

- SFP MSA Compliant
- Duplex LC optical interface

Power Consumption

- Max. 0.8 Watts

Dimension

- 57 x 13 x 12 mm (2.2 x 0.5 x 0.5 in.)

Weight

- 18g (0.6 oz.)

Temperature

- Operating: 0°C ~ 70°C (32°F ~ 158°F)
- Storage: -40°C ~ 85°C (-40°F ~ 185°F)

Humidity

- Max. 85% (non-condensing)

Certifications

- CE, FCC

Package Contents

- TEG-MGBSX
- Quick Installation Guide

Model	Wavelength	Optical Output Power (dBm)		Optical Input Power (dBm)		Power Budget	Distance
		Min	Max	Min (Sensitivity)	Max		
TEG-MGBSX	850nm	-9	-3	-20	-3	-11	550m
TEG-MGBS10	1310nm	-9	-3	-22	-3	-13	10km
TEG-MGBS40	1310nm	-3	2	-23	-3	-20	40km
TEG-MGBS80	1550nm	-3	3	-26	-3	-23	80km
TEG-MGBS10D3	TX: 1310nm	-9	-3	-23	-3	-14	10km
	RX: 1550nm						
TEG-MGBS10D5	TX: 1550nm	-9	-3	-23	-3		10km
	RX: 1310nm						
TEG-MGBS40D3	TX: 1310nm	-3	3	-25	-3	-22	40km
	RX: 1550nm						
TEG-MGBS40D5	TX: 1550nm	-3	3	-25	-3		40km
	RX: 1310nm						