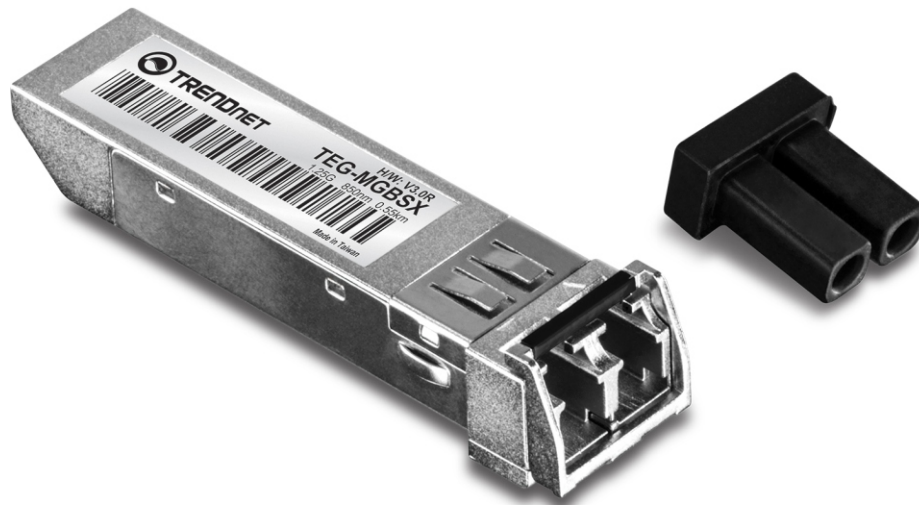




## SFP Multi-Mode LC Module (550m)

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 |                            |     |                           |     |              |          |