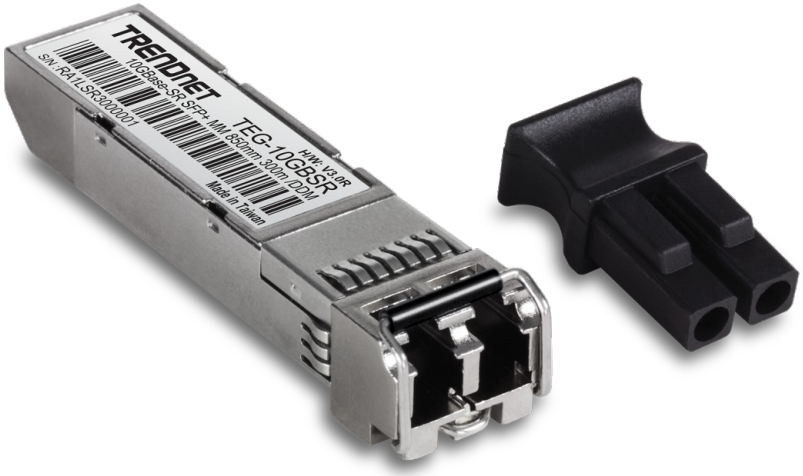
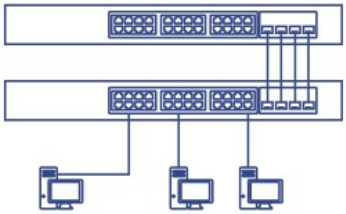


10GBASE-SR SFP+ Multi Mode LC Module (300m with DDM)

TEG-10GBSR (v3.0R)

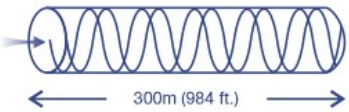
- Hot-pluggable SFP+ transceiver
- SFP+ MSA compliant
- Supported throughput up to 10.5Gbps
- Multi Mode fiber for distances up to 300m (984 ft.)
- 850nm wavelength
- Duplex LC connector
- Digital Diagnostics Monitoring (DDM) support
- Operating temperature: 0° – 70° C (32° – 158° F)
- Single 3.3 V power supply

TRENDnet's hot-pluggable 10GBASE-SR SFP+ Multi Mode LC Module, model TEG-10GBSR, works with an MSA compliant SFP+ slot. This Multi Mode transceiver spans distances up to 300m (984 ft.), comes with a LC duplex connector, and supports up to 10.5 Gbps networking throughput speeds. Digital Diagnostics Monitoring (DDM) captures critical device parameters, such as transmit/ receive power, temperature, and voltage.



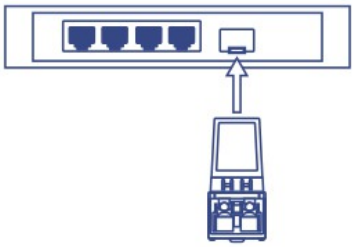
Fiber Applications

Short distance fiber networking for industrial, manufacturing, corporate, and government applications.



Fiber Mode/Distance

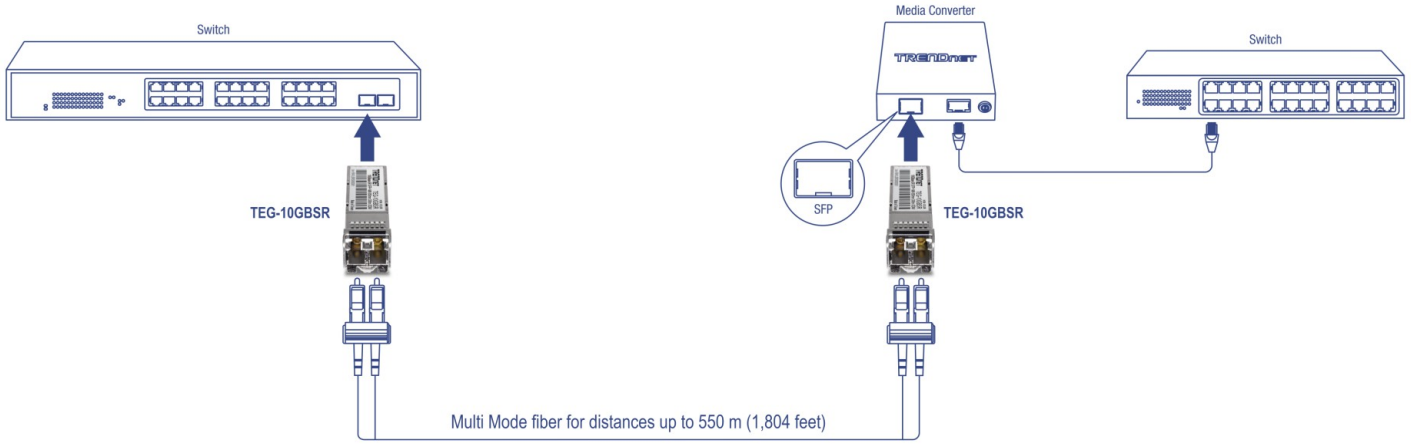
Multi Mode transceiver spans distances up to 300m (984 ft.) and supports up to 10.5 Gbps throughput speeds.



Compatibility

Hot-pluggable with an MSA compliant SFP+ slot and works with fiber cables with LC-type duplex connectors.

NETWORKING SOLUTION



FEATURES

Hot-Pluggable SFP+
Hot-pluggable SFP+ transceiver works with a MSA compliant SFP+ slot

Fiber Wavelength
Compatible with Multi Mode 850nm transmissions

Fiber Distance
Supports networking for distances up to 300m (984 ft.)

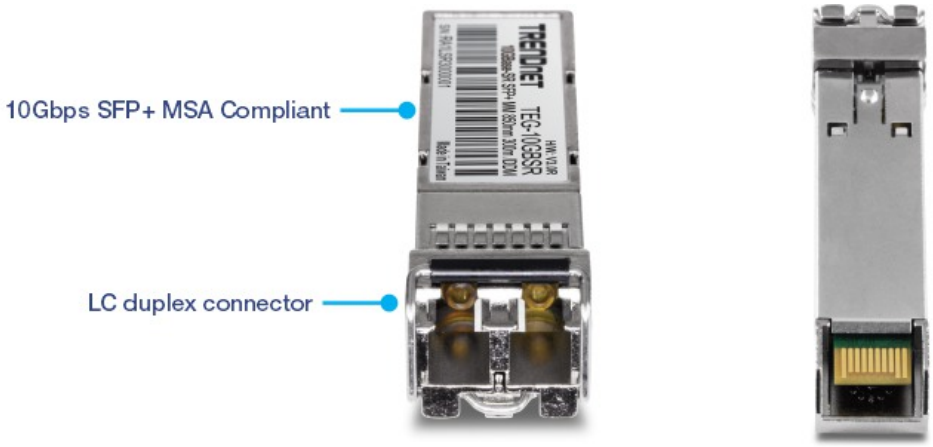
Fiber Port
LC-type duplex connector

DDM Support
Digital Diagnostics Monitoring (DDM) captures critical device parameters such as transmit/ receive power, temperature, and voltage

Power Supply
Single 3.3 volt power supply

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

Standards
Compliant with SFF-8431, SFF-8432, SFF-8472, FC-PI-4,10G FC, and IEEE802.3ae 10GBASE-SR



SPECIFICATIONS

Standards
- IEEE 802.3ae
- 10GBASE-SR

Device Interface
- 10Gbps SFP+ MSA Compliant
- LC/UPC duplex connector

Data Transfer Rate
- 8.5-10.5Gbps

Wavelength
- 850nm

Optical Output Power
- -1 ~ -7.5dBm

Distance
- 400m (OM4)
- 300m (OM3)
- 82m (OM2)
- 33m (OM1)

Special Features
- Hot pluggable
- Metal enclosure
- DDM support

Sensitivity
- -14 dBm

Power
- Max. consumption: 439mW

Operating Temperature
- 0 – 70 °C (32 - 158 °F)

Operating Humidity
- Max. 95% non-condensing

Dimensions
- 14.8 x 56.5 x 11.85mm (0.6 x 2.2 x 0.5 in)

Weight
- 22g (0.7 oz.)

Certifications
- CE
- FCC

Warranty
- 3 year

Package Contents
- TEG-10GBSR

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.

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