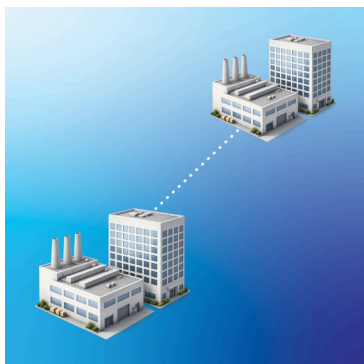


## 10G SFP+ Dual Wavelength Single Mode LC Module (10km)

TEG-10GBS10D2 (V1)

- Transmission distance of up to 10km (6.21 mi.)
- Simplex LC optical interface
- Supports data rates of up to 10.31Gbps
- Supports Transmit: 1270nm / Receive: 1330nm
- Digital Diagnostics Monitoring (DDM) support
- Must be paired with TEG-10GBS10D3
- Lifetime Warranty
- NDAA / TAA compliant (U.S. and Canada only)

TRENDnet's 10G SFP+ Dual Wavelength Single Mode LC Module, model TEG-10GBS10D2, is compatible with standard SFP+ ports found on network switches and fiber converters. The single mode 10G BiDi SFP+ transceiver is equipped with a simplex LC fiber connection interface, supports high-speed data rates up to 10.31Gbps, and spans distances up to 10km. This 10G SFP+ transceiver needs to be paired with the TEG-10GBS10D3 SFP+ transceiver. These 10G BiDi SFP+ fiber modules support connections for reliable, long-distance network applications.



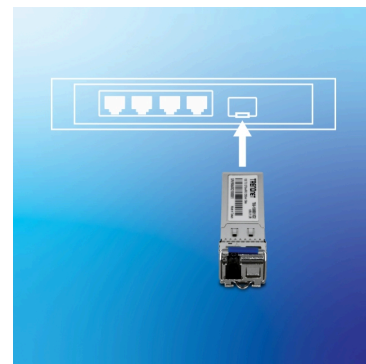
### Fiber Applications

Long-distance fiber networking for manufacturing, business parks, and school campus applications.



### Fiber Distance

Single mode 10G SFP+ transceiver spans distances up to 10km (6.21 mi.) at 10G speeds.



### Compatibility

Hot-pluggable SFP+ transceiver works with an MSA compliant 10G SFP+ port.

## FEATURES



#### Fiber Distance

Ideal for long-range networking distances up to 10km (6.21 mi.)



#### Electromagnetic Interference

Low Electromagnetic Interference (EMI) design



#### Fiber Interface

This single mode fiber 10G SFP+ BiDi transceiver supports an LCtype simplex connector



#### Bi-Directional SFP

Transmit: 1270nm / Receive: 1330nm; must pair with TEG-10GBS10D3



#### Data Rate

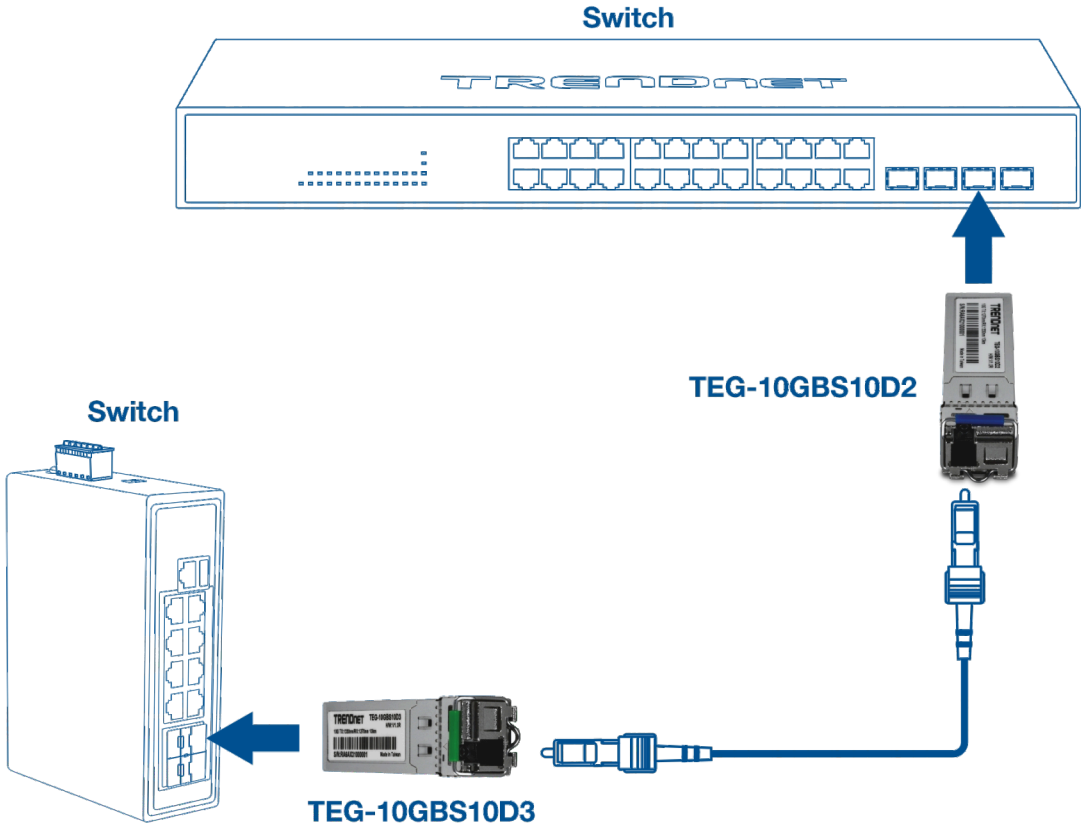
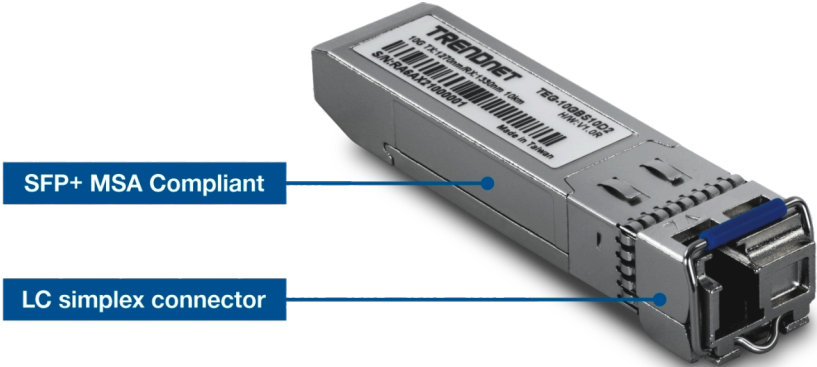
10G SFP+ supports data rates up to 10.31Gbps



#### Hot-Pluggable SFP

Hot-pluggable 10G BiDi SFP+ transceiver compatible with an MSA compliant SFP port

## NETWORKING SOLUTION



## SPECIFICATIONS

### Standards

- IEEE 802.3z
- IEEE 802.3ae
- 10GBASE-LR

### Device Interface

- SFP+ MSA Compliant
- LC simplex connector

### Data Transfer Rate

- 10.31Gbps

### Wavelength

- Tx: 1270nm
- Rx: 1330nm

### Optical Output Power

- -8.2 ~ 1 dBm

### Distance

- 10km (6.2 mi)

### Sensitivity

- -14.4 dBm

### Power

- Max. consumption: 1W

### Operating Temperature

- 0° – 70° C (32° – 158° F)

### Operating Humidity

- Max. 85% non-condensing

### Dimensions (L x W x H)

- 58 x 13.4 x 12.6mm (2.2 x 0.5 x 0.5 in.)

### Weight

- 21.5g (0.76 oz.)

### Certifications

- CE
- FCC

### Warranty

- Lifetime Warranty

### Package Contents

- TEG-10GBS10D2

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.

TRENDnet offers a lifetime warranty for all of its metal-enclosed network switches that have been purchased in the United States/Canada on or after 1/1/2015. Cooling fan and internal power supply carry a one-year warranty.