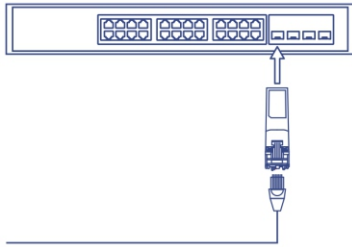


10G RJ-45 Copper SFP+ Module

TEG-10GBRJ (v1.0R)

- Connect devices up to 30m (98ft.) over cat6a cabling (or better) at 10G speeds
- Compliant with IEEE 802.3an 10 Gigabit Ethernet
- Backwards compatible with IEEE 802.3bz multi-gigabit (2.5G / 5G) speeds
- Compliant with IEEE 802.3ab and IEEE 802.3z Gigabit Ethernet
- Shielded RJ-45 copper interface
- Low Electromagnetic Interference (EMI) design
- Digital Diagnostics Monitoring (DDM) support
- Small Form-Factor Pluggable (SFP+) and Multi-Source Agreement (MSA) compliant
- Hot-Pluggable
- Low power consumption

TRENDnet's 10G RJ-45 Copper SFP+ Module, model TEG-10GBRJ, converts a standard SFP+ slot into an RJ-45 multi-gigabit port for additional high-speed copper connectivity. This 10G copper SFP+ module works with standard SFP+ slots commonly found in network switches and fiber media converters. Save on equipment costs by repurposing a switch's unused SFP+ slots for reliable copper connectivity with TRENDnet's 10G copper SFP+ module.



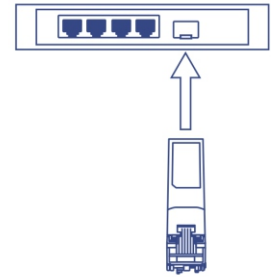
RJ-45 Copper SFP+

Take advantage of unused SFP+ slots and repurpose them for RJ-45 copper multi-gigabit connectivity.



Gigabit Speeds

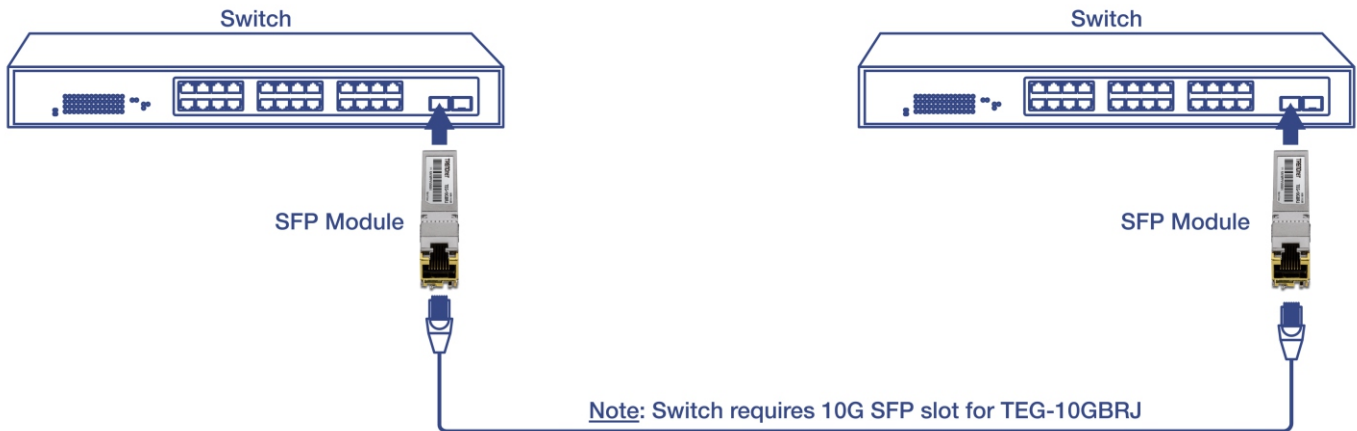
The 10G RJ-45 copper SFP+ spans distances up to 30m (98 ft.) and supports up to 10Gbps speeds.



Compatibility

Compatible with an MSA compliant SFP+ slot and multi-gigabit RJ-45 copper connections.

NETWORKING SOLUTION



Small Form-Factor Pluggable (SFP+) and Multi-Source Agreement (MSA) compliant

Shielded RJ-45 copper interface



FEATURES



Ethernet Distance

Supports networking distances up to 30m (98 ft.)



Connection Interface

RJ-45 10 gigabit port to convert SFP+ to RJ-45



Hot-Pluggable SFP+

Hot-pluggable 10G copper SFP+ compatible with an MSA compliant SFP+ slot



Operating Temperature

This 10G copper SFP+ module features an operating temperature range of 0°–65° C (0°–149° F)

SPECIFICATIONS

Standards

- IEEE 802.3
- IEEE 802.3ae
- IEEE 802.3az
- IEEE 802.3an
- IEEE 802.3ab

Device Interface

- SFP+ MSA Compliant
- RJ-45 connector

Data Transfer Rate

- Up to 10Gbps

Distance

- 10Gbps up to 30m (100ft.) with Cat. 6a/7
- 2.5G/5Gbps up to 50m (164ft.) with Cat. 5E
- 1Gbps up to 100m (328ft.) with Cat. 5E

Special Features

- Hot pluggable
- Metal enclosure
- DDM support

Power

- Max. Consumption: 3W

Operating Temperature

- 0°–65° C (32°–149° F)

Operating Humidity

- Max. 95% non-condensing

Dimensions

- 68 x 13.4 x 13.8mm (2.6 x 0.52 x 0.53 in.)

Weight

- 24g (0.8 oz.)

Certifications

- CE
- FCC

Warranty

- 3 year

Package Contents

- TEG-10GBRJ

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.