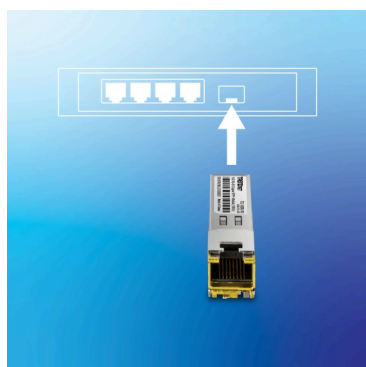# 10G RJ45 Copper SFP+ Module (100m)

TEG-10GBRJ100 (V1)

- Connect devices up to 100m (328 ft.) over Cat6A cabling (or better) at 10G speeds
- Compliant with IEEE 802.3an 10 Gigabit Ethernet
- Compliant with IEEE 802.3ab Gigabit Ethernet
- Shielded RJ45 copper interface
- Low Electromagnetic Interference (EMI) design
- Small Form-Factor Pluggable (SFP+) and Multi-Source Agreement (MSA) compliant
- Hot-Pluggable
- Low power consumption
- Lifetime Warranty
- NDAA / TAA compliant (U.S. and Canada only)

TRENDnet's 10G RJ45 Copper SFP+ Module, model TEG-10GBRJ100, converts a standard SFP+ port into an RJ45 multi-gigabit port for additional high-speed copper connectivity up to 100m (328 ft.). This 10G copper SFP+ module works with standard SFP+ ports commonly found in network switches and fiber media converters. Save on equipment costs by repurposing a switch's unused SFP+ ports for reliable copper connectivity with TRENDnet's 10G copper SFP+ module.
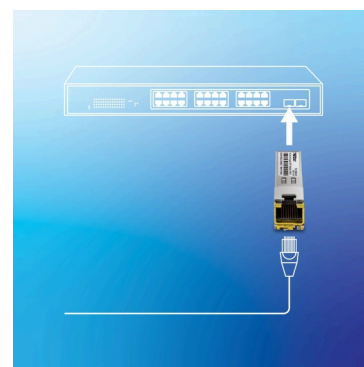
RJ45 Copper SFP+

Take advantage of unused SFP+ ports and repurpose them for RJ45 copper multi-gigabit connectivity.

Gigabit Speeds

The 10G RJ45 copper SFP+ module spans distances up to 100m (328 ft.) and supports up to 10Gbps speeds.

Compatibility

Compatible with an MSA compliant SFP+ port and multi-gigabit RJ45 copper connections.

FEATURES

Ethernet Distance
Supports networking distances up to 100m (328 ft.)

Connection Interface
Converts an SFP+ port to a 10G RJ45 Ethernet port
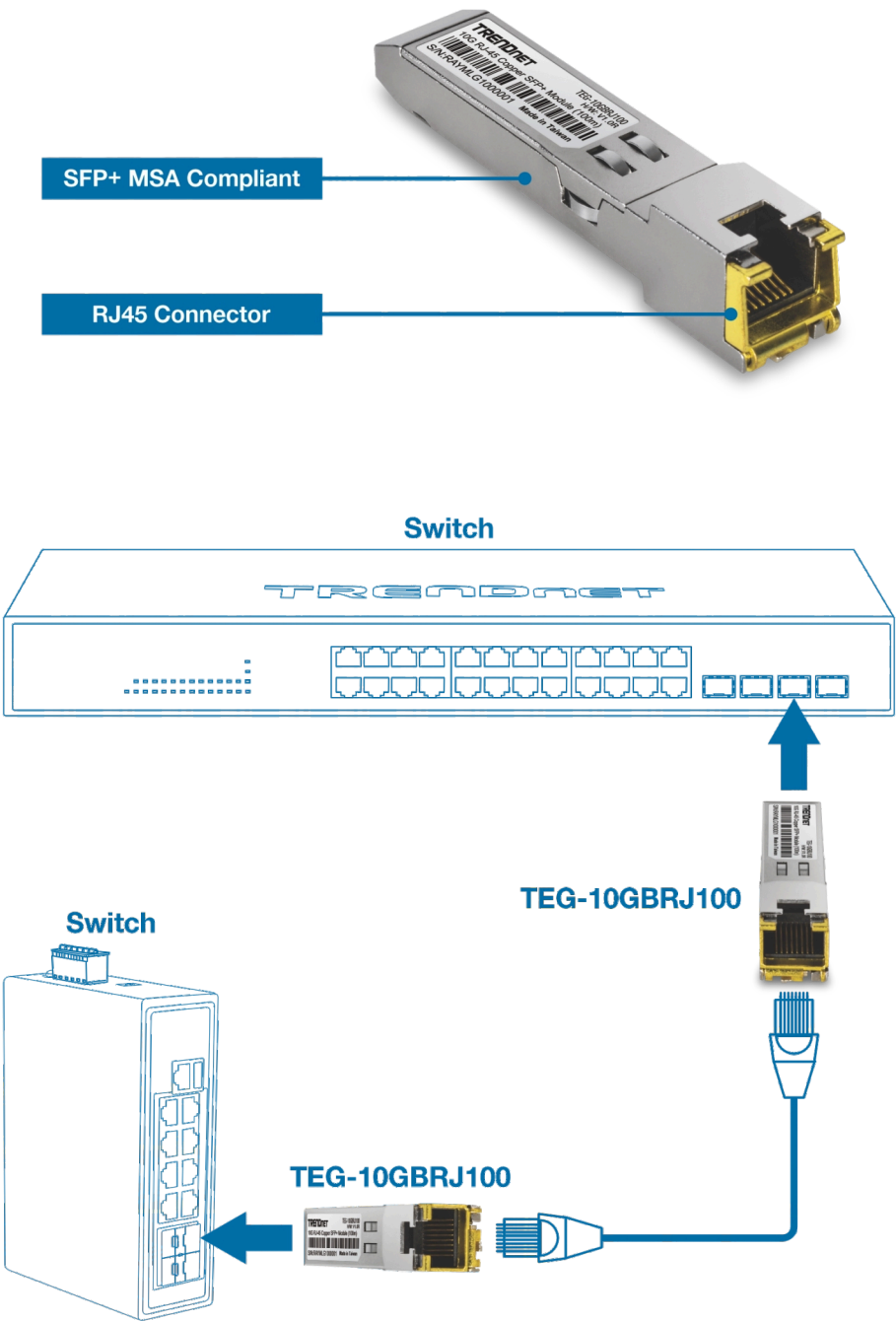
Hot-Pluggable SFP+
Hot-pluggable 10G copper SFP+ compatible with an MSA compliant SFP+ port

Operating Temperature
This 10G copper SFP+ module features an operating temperature range of 0°– 70° C (0° – 158° F)

NETWORKING SOLUTION

SFP+ MSA Compliant

RJ45 Connector

Switch

TEG-10GBRJ100

Switch

TEG-10GBRJ100

SPECIFICATIONS

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

Device Interface
- SFP+ MSA compliant
- RJ45 connector
- Hot-pluggable

Data Transfer Rate
- 1000Base-T
- 10GBase-T

Distance
- 10Gbps up to 100m (328 ft.) with Cat6A/7
- 1G up to 100m (328 ft.) with Cat5e

Power
- Max. consumption: 2.5W

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

Operating Humidity
- Max. 95% non-condensing

Dimensions
- 68.5 x 13.8 x 13.8mm (2.7 x 0.5 x 0.5 in.)

Weight
- 23g (0.8 oz.)

Certifications
- CE
- FCC

Warranty
- Lifetime Warranty

Package Contents
- TEG-10GBRJ100

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.