# 1000BASE-T RJ-45 Copper SFP Module

## TEG-MGBRJ (v1.0R)

- Compliant with IEEE 802.3ab Gigabit Ethernet
- Small Form-Factor Pluggable (SFP) and Multi-Source Agreement (MSA) compliant
- Supports data rates of up to 1.25Gbps
- Transmission distance of up to 100m (328 ft.)
- Hot-Pluggable
- RJ-45 connector
- 3-year warranty

TRENDnet's 1000BASE-T RJ-45 Copper SFP Module, model TEG-MGBRJ, converts a standard SFP slot into a RJ-45 gigabit port for additional copper connectivity. This 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 copper connectivity.

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

**Hot-Pluggable SFP**
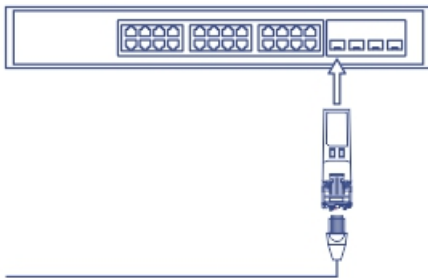Hot-pluggable SFP compatible with a MSA compliant SFP slot

**Connection Interface**
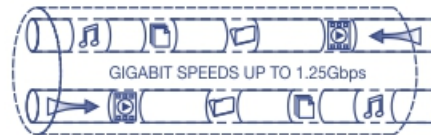1000BASE-T RJ-45 gigabit port

**Operating Temperature**
Operating temperature range of 0°– 70 °C (0° – 158 °F)
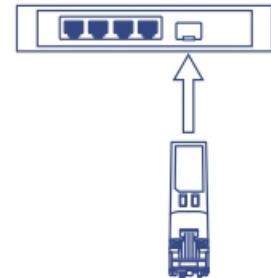
GIGABIT SPEEDS UP TO 1.25Gbps

**RJ-45 Copper SFP**
Take advantage of unused SFP slots and repurpose them with RJ-45 copper Ethernet connectivity.

**Gigabit Speeds**
1000BASE-T RJ-45 copper SFP spans distances up to 100m (328 ft.) and supports up to 1.25Gbps.

**Compatibility**
Compatible with a MSA compliant SFP slot and 1000BASE-T RJ-45 connections.

# Specifications

**Standards**
- IEEE 802.3
- IEEE 802.3z
- IEEE 802.3ab

**Device Interface**
- SFP MSA Compliant
- RJ-45

**Data Transfer Rate**
- 1.25Gbps

**Distance**
- 100m (328 ft.)

**Special Features**
- Hot pluggable
- Metal enclosure

**Power**
- Consumption: 1.5W

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

**Operating Humidity**
- Max. 95% non-condensing

**Dimensions**
- 68 x 13 x 13mm (2.67 x 0.5 x 0.5 in.)

**Weight**
- 22g (0.8 oz.)

**Certifications**
- CE
- FCC

**Warranty**
- 3-year warranty

**Package Contents**
- TEG-MGBRJ
- Quick Installation Guide