



1000BASE-T Industrial SFP RJ45 Copper Module

TI-MGBRJ (v1.xR)

- Supports data rates of up to 1.25Gbps
- Transmission distance of up to 100m (328 ft.)
- Extreme operating temperature range of -40° – 85° C (-40° - 185° F)
- RJ45 connector
- Hot-Pluggable
- Low power consumption
- Small Form-Factor Pluggable (SFP) and Multi-Source Agreement (MSA) compliant
- Compliant with IEEE 802.3ab Gigabit Ethernet
- Lifetime Warranty
- NDAA / TAA compliant (U.S. and Canada only)

TRENDnet's 1000BASE-T Industrial SFP RJ45 Copper Module, model TI-MGBRJ, converts a standard SFP port into a gigabit RJ45 port for additional high-speed copper connectivity. This gigabit industrial copper SFP module works with standard SFP ports commonly found in network switches and fiber media converters. The TI-MGBRJ industrial copper SFP is designed to operate within an extreme temperature range of -40° – 85° C (-40° - 185° F) and is well suited for industrial environments. Save on equipment costs by repurposing a switch's unused SFP port for reliable copper connectivity with TRENDnet's gigabit industrial copper SFP module.



RJ45 Copper SFP

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



Gigabit Speeds

The gigabit RJ45 industrial copper SFP spans distances up to 100m (328 ft.) and supports up to 1.25Gbps speeds.



Operating Temperature

The industrial copper SFP is designed to operate within an extreme operating temperature range of -40° - 85° C (-40° - 185°F).

FEATURES



Ethernet Distance

The industrial copper SFP supports networking distances up to 100m (328 ft.)



Connection Interface

Industrial SFP to Ethernet converter features RJ45 gigabit port to convert SFP to RJ45



Transmission Speed

Industrial copper SFP module supports up to 1.25Gbps transmission speed



Gigabit Port

Supports Ethernet speeds of 1000Mbps



Hot-Pluggable SFP

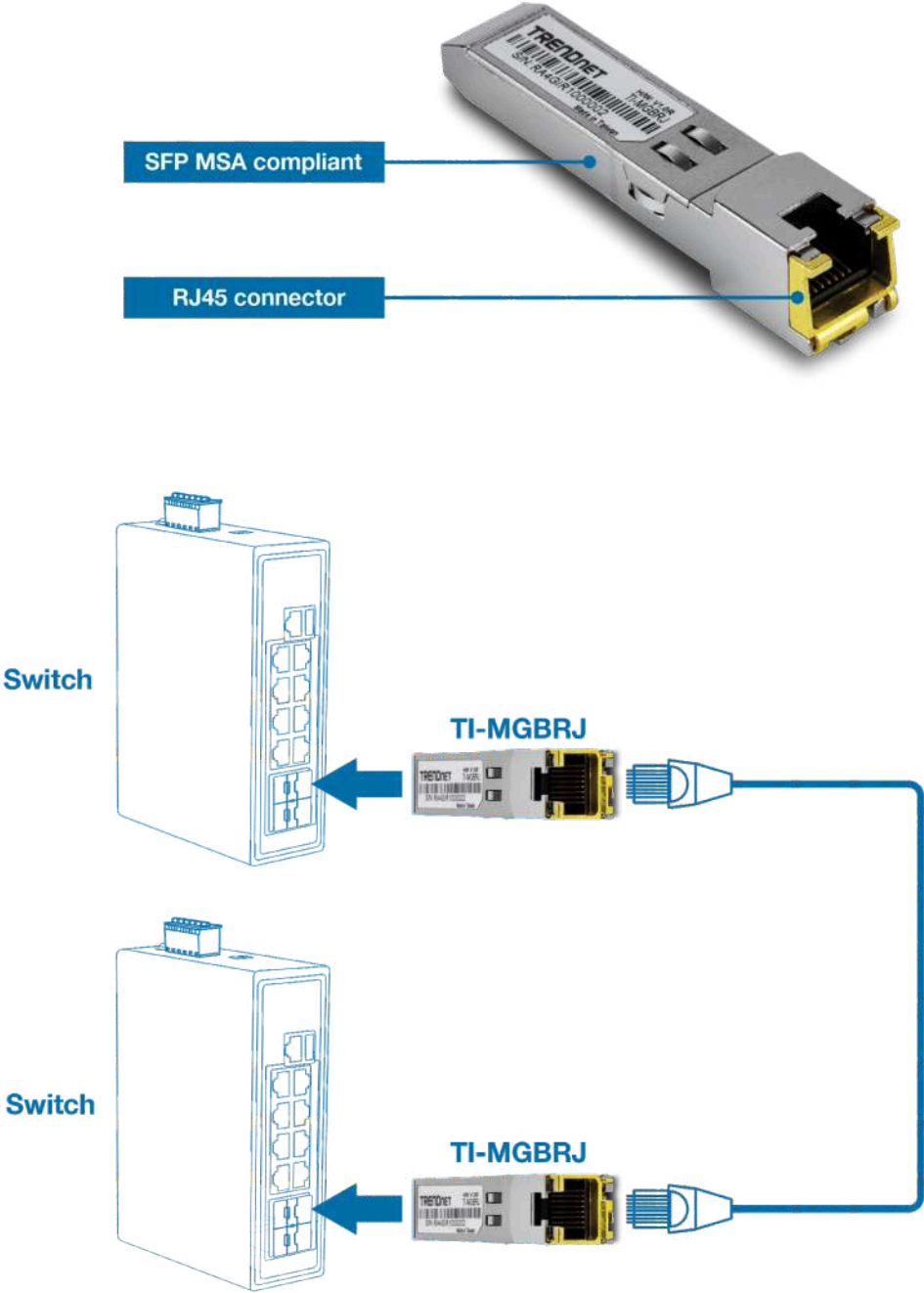
Hot-pluggable gigabit industrial Ethernet SFP adapter is compatible with an MSA compliant SFP port



Operating Temperature

This gigabit industrial copper SFP module features an operating temperature range of -40° - 85° C (-40° - 185° F)

NETWORKING SOLUTION



SPECIFICATIONS

Standards

- IEEE 802.3
- IEEE 802.3ab

Device Interface

- SFP MSA compliant
- RJ45 connector

Data Transfer Rate

- Up to 1.25Gbps

Distance

- 1Gbps up to 100m (328 ft.) with Cat5 UTP cabling or better

Power

- Max. consumption: 1.5W

Operating Temperature

- -40° – 85° C (-40° – 185° F)

Operating Humidity

- Max. 95% non-condensing

Dimensions

- 68.5 x 13.75 x 13.8mm (2.69 x 0.54 x 0.55 in.)

Weight

- 22g (0.78 oz.)

Certifications

- CE
- FCC

Warranty

- Lifetime Warranty

Package Contents

- TI-MGBRJ

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.