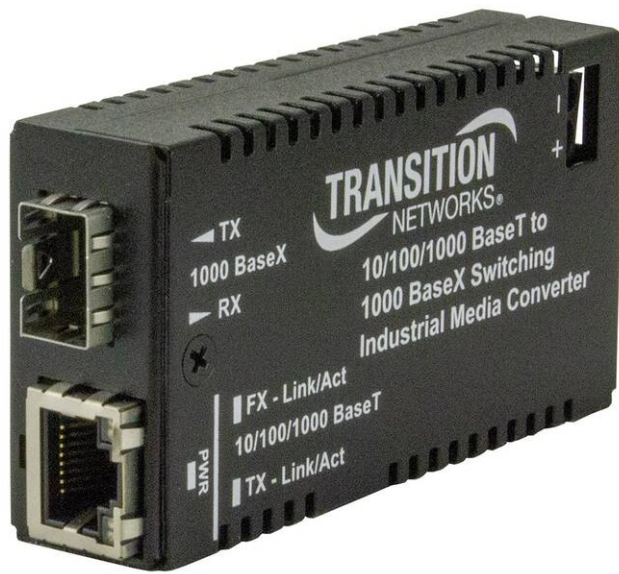


10/100/1000Base-T (RJ-45) to 1000Base-SX, multimode SC, [62.5/125 um: 220 m/722 ft.] [50/125 um: 550 m/1804 ft.] Link Budget: 7.5 dB



## Direct Attach Cables / Active Optical Cables

A simple to install, cost-effective and interoperable solution

Often used for data center short-reach interconnects, Direct Attach, Active Copper and Active Optical Cables are an indispensable part of any network.

Terminated with transceiver-style connectors, they are designed to be used in the same ports as a typical SFP+ or QSFP transceiver, with no need for adapters or converters. Our DAC and AOC cables offer compatibility with a huge range of vendors, enabling the connectivity you need within the Top of Rack and End of Row environments.

- 10G, 25G, 40G & 100G product solutions
- Seamless interoperability with network equipment
- Multi-code options enabling different OEM vendors at each end of the cable
- 4x breakout cables, 40G QSFP+ to 4x 10G SFP and 100G QSFP28 to 4x 25G SFP28
- Fast Delivery, Custom solutions
- Compatible with Over 90 Systems
- Savings of up to 70%



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10/100/1000Base-T (RJ-45) to 1000Base-SX, multimode SC, [62.5/125 um: 220 m/722 ft.] [50/125 um: 550 m/1804 ft.] Link Budget: 7.5 dB

The M/GE-ISW Series is an hardened Gigabit Ethernet Mini media converter that provides cost effective media conversion between 10/100/1000Base-T ports and 1000Base-SX/LX ports for hardened or outdoor environments. With its supported operating temperature range of -40°C to +75°C, the Mini offers a space saving alternative for converting copper to fiber in extreme environments.

## Features

- Unit & Port LEDs allow for quick status information
- Auto-Negotiation
- Fixed Full-Duplex on Fiber
- Auto-MDI/MDIX on copper port
- Active Link Pass Through
- Jumbo Frame (up to 10240Bytes)
- Supports DC and AC Input Power via terminal block
- If the voltage of your power source doesn't match the device input power, external power supplies are available
- Includes barrel connector pig-tail cable
- Multiple mounting options
  - DIN Rail clip and Velcro included
  - Wall mount bracket sold separately
- Overload Current Protection
- Reverse Polarity Protection

## Technische Daten

### Standards

- IEEE 802.3
- IEEE 802.3u
- IEEE 802.3ab
- IEEE 802.3z
- IEEE 802.3x

10/100/1000Base-T (RJ-45) to 1000Base-SX, multimode SC, [62.5/125 um: 220 m/722 ft.] [50/125 um: 550 m/1804 ft.] Link Budget: 7.5 dB

## Data Rate

- 10/100/1000Mbps

## Max Frame Size

- 10240 bytes

## Status LEDs

- PWR (Power): (below RJ-45) ON = Lit for normal operation
- FX-Link/Act (Fiber Link/Activity): (Upper Left on RJ-45) On = link; Flashing = Activity
- TX-Link/Act (Copper Link/Activity): (Upper Right on RJ-45) On = link; Flashing = Activity

## Dimensions

- Width: 1.8" [46 mm]
- Depth: 3.3" [85 mm]
- Height: 0.85" [22 mm]

## Power Consumption

- 1.2 Watts

## Power Input

- 2-pin terminal block Unit accepts 12 – 48 VDC or 24 – 36VAC (External power supplies sold separately)

## Ingress Protection

- IP20

## Environment

- Operating: -40°C to +75°C
- Storage: -40°C to +85°C
- Humidity: 5% to 95% (non-condensing)
- Altitude: 0 – 10,000 ft.

## Weight

10/100/1000Base-T (RJ-45) to 1000Base-SX, multimode SC, [62.5/125 um: 220 m/722 ft.] [50/125 um: 550 m/1804 ft.] Link Budget: 7.5 dB

- 0.40 lbs. [0.18 kg]

## MTBF

- Greater than 41,680 hours (MIL-HDBK-217F)
- Greater than 114,580 hours (Bellcore7 V5.0)

## Certifications

- FCC Class A, CISPR22/EN55022 Class A, EN55034, CE Mark

## Warranty

- Lifetime

## Artikelvarianten & Zubehör

| Art.-Nr.       | Beschreibung                                                                                                                         |
|----------------|--------------------------------------------------------------------------------------------------------------------------------------|
| M/GE-ISW-SX-01 | 10/100/1000Base-T (RJ-45) to 1000Base-SX, multimode SC, [62.5/125 um: 220 m/722 ft.] [50/125 um: 550 m/1804 ft.] Link Budget: 7.5 dB |