10/100/1000Base-T (RJ-45) to 100/1000Base-X Open SFP Slot







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%

tde® trans data elektronik GmbH

Headquarter address:
Lingener Str. 2
D-49626 Bippen/Ohrte
Tel.: +49 5435 9511 0
Fax.: +49 5435 9511 32

Sales office address:
Prinz-Friedrich-Karl-Str. 46
D-44135 Dortmund
Tel.: +49 231 8805 61 13
Fax.: +49 231 8805 61 15

info@tde.de | www.tde.de

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10/100/1000Base-T (RJ-45) to 100/1000Base-X Open SFP Slot

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

Technical Data

Standards

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

Data Rate

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10/100/1000Base-T (RJ-45) to 100/1000Base-X Open SFP Slot

- 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

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- 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

Product variants & accessories

Art.-No.	Description
M/GE-ISW-SFP-01	10/100/1000Base-T (RJ-45) to 100/1000Base-X Open SFP Slot

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