Mini Gigabit Ethernet Media Converter, 1000Base-T to 1000Base-SX/LX



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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1000Base-T (RJ-45) [100m/328 ft.]

to 1000Base-LX 1310m single mode (SC)

[10 km/6.2 mi.] Link Budget: 10.5db

Description

The M/GE-T Series is a Gigabit Ethernet stand-alone Mini media converter that provides cost effective, entry-level media conversion between 1000Base-T ports and 1000Base-SX/LX ports. With its fixed configuration, deployments are just plug-and-play, and with its small size, it is ideal for locations where space is limited. Operating at Layer 1, the physical layer, data is passed through the converter at line speed, making it ideal for applications where low latency is essential.

Features

- Auto-Negotiation
- Auto-MDI/MDIX
- Automatic Link Restoration
- Interoperable with other 1000Base-T/SX/LX NICs or switch ports
- Status LEDs for easy monitoring
- Supports SFP modules
- Supports Jumbo Frames up to 13312bytes
- 65% smaller than standard media converter
- Extend Network Distance
- Low-Latency Design

Show product on manufacturers website: https://www.lantronix.com/products/

Technical Data

Specifications

Product variants & accessories

Art.-No.	Description
M/GE-T-LX-01	Mini Gigabit Ethernet Media Converter, 1000Base-T to 1000Base-SX/LX

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