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%

1000Base-T (RJ-45) [100 m/328 ft.] to 1000Base-LX 1310nm Extended multimode (62.5/125 µm fiber only) (SC) [2 km/1.2 mi.] Link Budget: 7.0 dB

Description

The CGETF Gigabit chassis card converter can help networks migrate to Gigabit Ethernet in a cost-effective manner. Used in conjunction with lower cost 1000Base-T switches, companies can take advantage of the high bandwidth Gigabit Ethernet offers, without the higher costs. The CGETF cards allow users to extend the bandwidth to those users outside the reach of the 1000Base-T standard (up to 125 km).

Features

- Copper and Fiber Auto-Negotiation
- Transparent Link Pass Through
- Automatic Link Restoration
- Remote Fault Detect
- Loopback
- Pause
- Field Upgradeable Firmware
- DMI – Diagnostic Monitoring Interface supported on CGETF1040-110 when an SFP supporting DMI is used

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- DMI models have four functions:

- Transmit Power
- Receive Power
- Transmit bias current
- Temperature

*Within each function, the device will send a trap (i.e. error) whenever a high or low warning event or a high or low alarm event occurs (for a total of 16 traps).

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

Technical Data

Specifications

Product variants & accessories

Art.-No.	Description
CGETF1024-110	Gigabit Ethernet Media Converter

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