

## E-TBT-FRL-05(HT) Series - Unmanaged Hardened Ethernet Media Converter, (1) 10Base-T Port + (1) 10Base-FL Port

### 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%

10Base-T (RJ-45) [100 m/328 ft.]

to 10Base-FL 850nm multimode (SC)

[2 km/1.2 mi.] Link Budget: 13.5 dB

### Product Description

The E-TBT-FRL-05 is a Hardened Ethernet stand-alone media converter that provides an interface between 10Base-T ports and 10Base-FL ports, allowing users to integrate fiber optic cabling into extreme 10Base-T copper environments, with an supported operating temperature range of -25°C to +70° C. 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-MDI/MDIX
- Link Pass Through



**tde<sup>®</sup>** 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

## E-TBT-FRL-05(HT) Series - Unmanaged Hardened Ethernet Media Converter, (1) 10Base-T Port + (1) 10Base-FL Port

- Automatic Link Restoration
- Connect legacy coax devices to a 10Base-T network

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

## Technical Data

### Specifications

### Product variants & accessories

Art.-No.	Description
E-TBT-FRL-05(SCHT)	E-TBT-FRL-05(HT) Series - Unmanaged Hardened Ethernet Media Converter, (1) 10Base-T Port + (1) 10Base-FL Port