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Stand-alone Fast Ethernet Media Converter, 100Base-TX to 100Base-FX

Lantronix / Transition Networks

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

to 100Base-FX 1310nm single mode (SC)

[60 km/37.3 mi.] Link Budget: 29.0 dB

Description

The E-100BTX-FX-05 is a stand-alone media converter that provides an interface between 100Base-TX ports and 100Base-FX ports, allowing users to integrate fiber optic cabling into 100Base-TX copper environments. 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

- Operates under heavy traffic loads without excess heat, so there is no need for a failure-prone internal fan
- Round trip delay of only 40 bit times – far below the Class II rating of 92 bit times

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- Auto-Negotiation
- Auto-MDI/MDIX
- Active Link Pass Through
- Far-End-Fault (FEF)
- Pause
- Automatic Link Restoration

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

Technical Data

Specifications

Product variants & accessories

Art.-No.	Description
E-100BTX-FX-05(XL)	Stand-alone Fast Ethernet Media Converter, 100Base-TX to 100Base-FX