10Base-5 (AUI) dB-15 male [50 m/164 ft.] to 10Base-T (RJ-45) [100 m/328 ft.

\*\*Lantronix / Transition Networks

\*\*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%

\*\*Media Converters

The E-TBT-MC05 is an Attachment Unit Interface (AUI) transceiver that provides a method for connecting a workstation, or any other device with an AUI port, to twisted pair cabling in a 10Base-T network. Devices with AUI ports could include: servers, hubs, bridges and routers. The E-TBT-MC05 transceiver allows twisted pair, UTP or STP, to be connected to these AUI ports.

\*\*\*Features

• Provides a complete interface of the AUI to Ethernet UTP cable
• Supports data transfer rate of 10 Mbps
• CSMA/CD access mechanism
• Capable of driving the UTP cable segment up to 100 m (328 ft.) without the use of a repeater
• Selectable Link test and SQE test functions
• AUI locking post design allows the E-TBT-MC05 to directly attach to a host’s AUI connector
• Can be used with or without an AUI cable
• LED indicators for network monitoring and diagnosing
• The RJ-45 port will automatically detect and reverse the polarity on the receive pair, if needed

\*\*TECHNISCHE\_DATEN

\*\*\*Standards

• IEEE 802.3
• 10Base-T

\*\*\*Data Rate

• 10 Mbps

\*\*\*Switch

• SW1: SQE Test: UP is enabled
• SW2: Link Test: UP is enabled
• SW3: Half or Full-Duplex: UP is for Half, Down is for Full

\*\*\*Status LEDs

• COL: Blinks when detecting collisions
• STAT: Solid Green: UTP Link established; Blinks Green: No UTP Link; 4-Blink Pattern: Polarity reversal detected on UTP cable
• TX: Blinks when transmitting data on the RJ-45
• RX: Blinks when receiving data on the RJ-45

\*\*\*Dimensions

• Width: 3.1” [79 mm]
• Depth: 0.8” [20 mm]
• Height: 1.7” [43 mm]

\*\*\*Power Consumption

• Not to exceed [email protected] VDC

\*\*\*Power Supply

• No external power required

\*\*\*Power Input

• 10.2 to 15.75 VDC; [email protected] VDC

\*\*\*Environment

• Operating: 0°C to 50°C
• Humidity: 5% to 95% (non-condensing)
• Altitude: 0 – 10,000 ft.

\*\*\*Weight

• 1 lb. [0.45 kg]

\*\*\*MTBF

• 125,126 hours (Bellcore)

\*\*\*Certifications

• FCC & CISPR Class A, CE Mark

\*\*\*Warranty

• Lifetime