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

Specifications

<table>
<thead>
<tr>
<th>Standards</th>
<th>IEEE 802.3 10Base-T</th>
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| Switches  | 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 75mA@12 VDC |
| Power Supply | No external power required |
| Input Voltage | 10.2 to 15.75 VDC |
| Input Current | 250mA@12 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 |