

Ethernet AUI to RJ-45 Transceiver

This Attachment Unit Interface (AUI) transceiver 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.

E-TBT-MC05



Features

- ▶ Provides a complete interface of the AUI to Ethernet UTP cable.
- ▶ Supports data transfer rate of 10Mbps
- ▶ CSMA/CD access mechanism
- ▶ Capable of driving the UTP cable segment up to 100 meters (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

Standards	IEEE Std. 802.3™ 10BASE-T
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
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
Dimensions	Width: 3.1" [79 mm] Depth: 0.8" [20 mm] Height: 1.7" [43 mm]
Power	No external power required
Input Voltage	10.2 to 15.75 VDC
Input Current	250mA@12VDC
Environment	0 – 50°C, 5% – 95% humidity non-condensing, 0 – 10,000 ft. altitude
Shipping Weight	1 lb. [0.45 kg]
Compliance	FCC & CISPR Class A, CE Mark
Warranty	Lifetime

Ordering Info

E-TBT-MC05
10BASE5 (AUI) DB-15 male
[50 m/164 ft.]
to 10BASE-T (RJ-45)
[100 m/328 ft.]



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