

Media Converters

D A T A
S H E E T

Any•Twist MIL-120A 10Base-T to 10Base5
Any•Twist MIL-130A 10Base-T to 10Base2



- Allows users to connect UTP links to 10Base2 or any other Ethernet topology
- Does not impact the number of repeaters in the network
- Easy to install, use and manage
- 5 year warranty

The Any•Twist Ethernet media converter quickly converts any Ethernet MAU Fan Out or transceiver to 10Base-T Unshielded Twisted Pair (UTP) cabling.

Unlike repeaters, the Any•Twist converts without adding repeater count to the network. The unit does not re-time data, nor does it reduce the number of repeaters allowed on the network. The Any•Twist is fully IEEE 802.3 compliant. This device is ideal for connecting older 10Base5 networks to 10Base links, or for allowing the network administrator flexibility in choosing what media needs to be connected to 10Base-T.

The Thin•Twist Ethernet media converter quickly converts any 10Base2 to Unshielded Twisted Pair (UTP) 10Base-T cabling.

The Thin•Twist converts without adding delay to the network. Unlike repeaters, the unit does not re-time data, nor does it reduce the number of repeaters allowed on the network. The Thin•Twist is fully IEEE 802.3 compliant.

This device is ideally suited for connecting small 10Base2 segments to 10Base-T runs.



Features/Specifications (10Base2 & AUI)

Features

- Converts UTP to 10Base2 Ethernet cabling(120A)
- Converts UTP to AUI Ethernet cabling (130A)
- Converts without re-timing data
- Fully IEEE 802.3 compliant

Product Package

- Installation guide
- Power Supply

RJ-45 Connector

Type: 8-position, RJ-45 receptacle

1: TX+ 4 NC 7 NC
 2: TX 5 NC 8 NC
 3: RX+ 6: RX

Wiring for 10Base-T ports
 To connect to a hub, wire 1, 2, 3, 6 straight

To connect to another Any•Twist/Thin•Twist or to a workstation node, wire 1 to 3, 2 to 6, 3 to 1, and 6 to 2.

AUI Interface Connector

- Type: 15-position, D-style female receptacle
- Shell: Protective ground

1: Chassis GRD 6 : Voltage Return
 2: Control In A 7: NC
 3: Data Out-A 8: NC
 4: GRD 9: Control In B
 5: Data In- A 10: Data Out-B
 11: GRD 12: Data In-B
 13: Voltage + 14: GRD
 15: NC

BNC Connector
 ThinCoax

Electrical

(External Power Unit)

- Input voltage VAC 16-20
- Power Supply Input 110/220 V AC
- Power Supply Output 16-20 V AC
- Current draw (Internal) mA 200
- Power rating watts 10 with external transceivers mA 600

Standards Compliance

- FCC Class A
- ENSSo22 Class B
- UNL950
- CSA950
- EN60950
- CE Marked

Environmental

- Operating temperature: 50°F to 113°F (10°C to 45°C)
- Relative humidity: 10% to 90%
- Altitude: 0 to 12,000 ft (0 to 3,660 m)

Digi Service And Support

You can purchase with confidence knowing that Digi is here to support you with expert technical support, the industry's strongest warranty (five full years) and a 30 day money-back guarantee.

Dimensions

Height	Width	Depth	Weight
MIL-120A 4.35in.	3.35	0.9	Unit 8 oz. Shipping 14 oz.*
MIL-130A 2.9in.	3.35	0.9	Unit 8 oz. Shipping 14 oz.*

*Includes Power Supply

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Models and Part Numbers

10Base-T to 10Base2(110V power supply)MIL-120A
 10Base-T to 10Base2(220V power supply)MIL-120AIN
 10Base-T to Female AUI(110V power supply)MIL-130A
 10Base-T to Female AUI(220V power supply)MIL-130AIN

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