

Ethernet MicroTransceivers

D A T A
S H E E T

MIL-05T Thin Coax 10Base2 Transceiver MIL-10P UTP 10Base-T Transceiver



- The Original Direct Connect Micro-Sized Transceiver
- Eliminates bulky drop cabling
- Does not block I/O ports
- Efficient design allows for longer life
- 5 year warranty

The Micro•Twist efficiently converts AUI ports to 10Base-T unshielded twisted pair cabling, with LinkSentry™ capability.

The Micro•Mau efficiently converts AUI ports to 10Base2 unshielded twisted pair cabling.

It quickly provides the necessary interface to network workstations, PCs, and

other Ethernet devices while eliminating bulky drop cabling.

Its small form factor does not block I/O ports. The Micro•Twist's low-power design uses less than 200mA @ 12 VDC. The sturdy metal case ensures years of trouble-free operation.



Features/Specifications

Features

- Converts AUI ports to 10Base-T UTP cabling
- Converts AUI ports to 10Base2 thin coax cabling
- Compact size (see dimensions)
- Low power design uses less than 200mA @ 12VDC
- Externally SQE selectable and internally Link selectable

Product Package

- Installation Guide

Pin AUI Interface Connector

- Type: 15-position, D-style male receptacle
 - Shell: Protective ground
- | | |
|------------------|----------------|
| 1-Chassis GRD | 9-Control in B |
| 2-Control in A | 10-Data out-B |
| 3-Data out-A | 11-GRD |
| 4-GRD | 12-Data in-B |
| 5-Data in-A | 13-Voltage+ |
| 6-Voltage return | 14-GRD |
| 7-NC | 15-NC |
| 8-NC | |
- NC = no connection

Standards Compliance

- FCC class A
- UL
- CSA
- CE
- CISPR class B

Environment

- Operating temperature degC 0-50
- Electrical isolation VAC 500
- Electromagnetic radiation FCC Class A certified

Power Supply Parameter

Unit	Typical
■ Input voltage range DC V	12.0
■ Current glow mA	150

RJ-45 Connector

- Type: 8-position, RJ-45 receptacle,
 - Shell: Protective ground
- | | | |
|--------|--------|----|
| 1: TX+ | 4: | 7: |
| 2: TX | 5: | 8: |
| 3: RX+ | 6: RX- | |

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.

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Dimensions

Height	Width	Depth	Weight
MIL-05T 2.25 in.	1.63 in.	.75	Unit 3.5 oz. (.09 Kg) Shipping 5.0 oz. (.14 Kg)
MIL-10P 2.53 in.	1.61 in.	.78	Unit 3.5 oz. (.09 Kg) Shipping 5.0 oz. (.14 Kg)

Physical

The MIL 05T/10P are packaged in lightweight aluminum alloy with a satin-black finish for years of durable, maintenance-free use.

Models and Part Numbers

Micro MAU Thin Coax 10Base2MIL-05T
 Micro Twist UTP 10Base-TMIL-10P

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