



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.



Ethernet MicroTransceivers

MIL-05T / MIL-10P

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

AUI Connector

Type: 15-position D-Style male receptacle:

| | |
|----------------|----------------|
| 1: Chassis gnd | 9: Control B |
| 2: Control A | 10: Data Out B |
| 3: Data out A | 11: Gnd |
| 4: GND | 12: Data in B |
| 5: Data in A | 13: Voltage+ |
| 6: Voltage rtn | 14: Gnd |
| 7: NC | 15: NC |
| 8: NC | |

GND = Ground NC = No Connection

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- | |

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.

Ordering Information

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

Warranty

Comprehensive 5 years

Milan Technology reserves the right to change specifications or other product information without notice. This publication could include technical inaccuracies or typographical errors. Milan Technology provides this publication "as is" without warranty of any kind, either expressed or implied, including implied warranties of merchantability or fitness for a particular purpose. If your jurisdiction does not allow disclaimer of expressed or implied warranties in certain transactions, this disclaimer may not be applicable.

Milan Technology, the Milan Technology logo are trademarks of MiLAN Technology. All other trademarks are the property of their respective holders.

© Copyright 2003 MiLAN Technology



MiLAN Technology
1329 Moffett Park Drive
Sunnyvale, CA 94089
1-800-466-4526
www.milan.com