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Datasheet

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.

MiLAN Technology
1329 Moffett Park drive
Sunnyvale, CA 94089
1-800-466-4526
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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 10Base2 . . . . . .MIL-05T
Micro Twist UTP 10Base-T MIL-10P

Warranty
Comprehensive 5 years

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