

# Digi Transceivers

## 300X Series Modular Fault-Tolerant Transceivers



D A T A  
S H E E T

- Two fault-tolerant ports
- Monitor mode
- Interchangeable UTP and fiber modules
- Hot-selectable back-up/monitor mode
- Eliminates costly network downtime
- Provides traffic analysis or network benchmarking
- Select ports without power-cycling the unit
- Select modes without power-cycling the unit
- Operates in half- or full-duplex Ethernet
- 5 year warranty

The 300X Series protects mission critical network links with a two-port, fault-tolerant configuration. Select either port to serve as the active connection and the other automatically becomes the backup. In the event of a Link failure, the backup port is immediately enabled, minimizing disruption of network traffic. Each unit is equipped with a standard AUI port on the rear panel.

The 300X Series also provides the unique ability to monitor network traffic. Switching the unit to monitor mode allows the backup port to act as a transmitting device while the main port continues to function

normally. The backup port can be connected to diagnostic equipment such as the Network General Sniffer™. Monitor mode is hot-selectable, allowing you to switch ports without power cycling the unit. The user may also select to either interleave data from both directions (half and duplex mode only) or select which direction to monitor on the port.

The two modular ports utilize Digi's 4300M Series Micro Modules for UTP or fiber, providing your choice of three different fault-tolerant models.



## 300X Series

### Features

- Two fault-tolerant ports
- Monitor mode
- Interchangeable UTP and fiber modules
- Hot-selectable backup/monitor mode
- Operates in half- or full-duplex Ethernet

### Pin AUI Interface Connector

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

### Electrical

- Input: 120 VAC/220 VAC switch
- Output: 1.0A at 16VAC maximum

### Dimensions

Height	Width	Depth
6.0 in.	3.75 in.	3.75 in.

### Weight

Unit 15 oz.  
Shipping 24 oz.

### Physical

Each of the MIL-300X Series units are housed in a sturdy, compact aluminum alloy enclosure with stainless steel front and rear panels for years of durable, maintenance-free use.

## Models and Part Numbers

Base Unit w/(2) 10BaseT Ports (110V power supply) . . . . .	MIL-301X
Base Unit w/(2) 10BaseT Ports (220V power supply) . . . . .	MIL-301XIN
Base Unit w/(2) 10BaseFL Ports (110V power supply) . . . . .	MIL-302X
Base Unit w/(2) 10BaseFL Ports (220V power supply) . . . . .	MIL-302XIN
Base Unit w/(1) 10BaseT & (1) BaseFL Port. . . . .	MIL-303X
Base Unit w/(1) 10BaseT & (1) BaseFL Port. . . . .	MIL-303XIN

## MicroModules

### Features

- Allows reconfiguration of network ports and uplinks on Digi's multiport transceivers, micro-hubs, repeaters and print servers.

### Modules:

- Digi 4310M UTP Module  
-UTP (10Base-T) module (MIL-4310M)
- Digi 4330M Multimode Fiber Optic Module  
-Fiber optic ST (10BaseFL) module (MIL-4330M)
- Digi 4350M Multimode Fiber Optic Module  
-Fiber optic SMA (10BaseFL) module (MIL-4350M)
- Digi 4360M Single Mode Fiber Optic Module  
-Half Duplex (MIL-4360M)
- Digi 4370M Single Mode Fiber Optic Module  
-Full Duplex (MIL-4370M)

### LEDs

- Link, Receive, Collision and Fault (UTP and Fiber optic modules)
- Power, Receive, Collision and Fault (thin coax and AUI modules)
- Switch selection between half- and full-duplex modes on fiber optic and UTP modules
- Enable and disable Link and SQE
- Switch selection on UTP to configure for Digi hub or transceiver
- Hot-swappable design
- Internal terminator on thin coax module
- Fully IEEE 802.3 compliant

### Standards Compliance

- FCC Class A
- UL 1950
- CSA 22 No. 950
- EN60950
- CE
  - EN55022
  - EN50082

### 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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