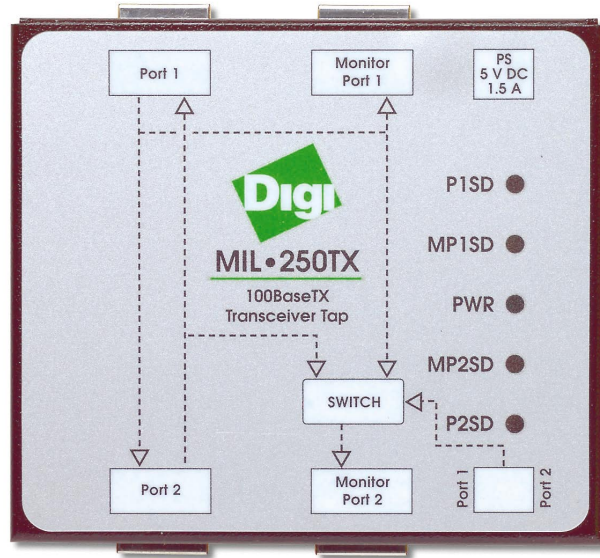


Digi Transceivers

D A T A
S H E E T

MIL-250TX 100BaseTX Transceiver Tap MIL-250FXC 100BaseTX Transceiver Tap



The MIL-250 series of transceiver taps are fully IEEE 802.3u compliant for use in 100BaseTX and 100BaseFX Fast Ethernet networks in half- or full-duplex mode.

The MIL*250TX Transceiver Tap, is a Fast Ethernet 100BASE-TX transceiver operating at 100 Mbps. It includes four (4) shielded UTP connectors and is fully IEEE 802.3u compliant. It is designed to be used with network analyzers in a single or dual mode configuration, allowing the monitoring of network traffic flowing in both directions of a link connection. It is designed such that interruption of network traffic will not occur. Use of the 250TX Transceiver Tap allows a network manager to connect and disconnect the LAN Analyzer at anytime without disrupting the traffic on the network. Leaving the 250TX in line ensures that the integrity of the network traffic is not interfered with at any time.

The MIL*250FXT Transceiver Tap, is a Fast Ethernet 100BASE-FX transceiver operating at 100 Mbps. It includes three (3) ST-type multi-mode fiber connectors and is fully IEEE 802.3u compliant. It is designed to be used with network analyzers in a single or dual mode configuration, allowing the monitoring of network traffic flowing in both directions of a link connection. It is designed such that interruption of network traffic will not occur. Use of the 250FX Transceiver Tap allows a network manager to connect and disconnect the LAN Analyzer at anytime

without disrupting the traffic on the network. Leaving the 250FX in line ensures that the integrity of the network traffic is not interfered with at any time.

The MIL*250FXC Transceiver Tap, is a Fast Ethernet 100BASE-FX transceiver operating at 100 Mbps. It includes three (3) SC-type multi-mode fiber connectors and is fully IEEE 802.3u compliant. It is designed to be used with network analyzers in a single or dual mode configuration, allowing the monitoring of network traffic flowing in either direction of a link connection. It is designed such that interruption of network traffic will not occur. Use of the 250FX Transceiver Tap allows a network manager to connect and disconnect the LAN Analyzer at anytime without disrupting the traffic on the network. Leaving the 250FX in line ensures that the integrity of the network traffic is not interfered with at any time.

These unique transceivers are designed to be used with network analyzers in a single or dual line configuration, allowing the monitoring of network traffic flowing in either direction of a link connection. The MIL-250TX and MIL-250FXC are both designed so that interruption of network traffic will not occur.

Use of the MIL-250TX or MIL-250FXC Transceiver Tap allows a network manager to connect and disconnect the LAN analyzer at anytime, without disrupting the traffic on the network. The line tap will not affect the integrity of the signal.

- Allows full-duplex monitoring of network traffic with LAN analyzers without interrupting data traffic
- Allows for "hot" connections without disrupting operations
- Fast Ethernet 100BaseTX transceiver 100BaseFX transceiver
- Leave it inline and connect analyzers as needed
- 5 year warranty



Features/Specifications

Features

Unique Features on the MIL-250TX:

- Fast Ethernet 100BaseTX Transceiver (100Mbps) for use with network analyzers
- Four shielded RJ-45 connectors
- If power is lost, data is still passed through the MIL-250TX (not a feature on FX version)

Unique Features on the MIL-250FXC:

- Fast Ethernet 100BaseFX Transceiver (100Mbps) for use with network analyzers
- Four multi-mode fiber optic SC connectors
- Common Features on the MIL-250TX &FXC:
 - Half and Full duplex mode operation
 - Compliant with IEEE 802.3u specifications
 - LEDs for power, port 1, port 2, monitor port 1 and monitor port 2
 - Small form factor (see dimensions)
 - Power supply adapter for International versions

Product Package

- Installation Guide
- 110 or 220VDC power supply

Physical LAN Interfaces

- Four (4) RJ-45 connectors for UTP Category 5 wire (MIL-250TX)
- Four (4) multi-mode fiber optic SC connectors (MIL-250FXC)

LEDs

- P1SD—Indicates when Port 1 receives a signal
- MP1SD—Indicates when Monitor Port 1 receives a signal
- PWR—Indicates when the device is receiving power
- MP2SD—Indicates when Monitor Port 2 receives a signal
- P2SD—Indicates when Port 2 receives a signal

Electrical

- Input: 110/220VAC, 47-63 Hz
- Output: 5 volts DC @ 1.5 Amp

Standards Compliance

- FCC Class A
- UL 1950
- CSA 22 No. 950
- EN60950
- CE
 - EN55022 Class B
 - EN50082-1

Environmental

- Operating Temperature: 32°F to 105°F (0°C to 40°C)
- Relative Humidity: 5% to 95% humidity, non-condensing
- Altitude: 0 to 40,000 feet (0 to 12,192 meters)

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	Length	Weight
1.00 in. (2.54cm)	3.5 in. (8.89 cm)	4.0 in (10.2 cm)	Unit 6 oz. (0.154 Kg)

Models and Part Numbers

MIL-250TX 100BaseTX Transceiver Tap MIL-250TX
MIL-250FXC 100BaseFX Transceiver Tap MIL-250FXC

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