

FlexPoint

FlexPoint™ 10T/2

10BASE-T Copper to 10BASE-2 Coax Media Converter

The FlexPoint 10T/2 is a Half-Duplex 10BASE-T UTP to 10BASE-2 coax media converter that facilitates the connection of a coax segment to a 10BASE-T hub or workstation.

No manual configuration is required with the plug-and-play FlexPoint 10T/2. Connect the UTP and coax cables and the installation is complete.

The FlexPoint 10T/2 supports categories 3, 4 or 5 wiring and connects to distances up to 100m. The FlexPoint 10T/2 detects and corrects wiring polarity reversals, and features a crossover switch that facilitates connection to a hub or a workstation.

The FlexPoint 10T/2 features a BNC connector supporting 50 ohm cabling with distances up to 185m. Per IEEE 802.3 standard, up to 30 workstations can be attached to the coax segment. A termination switch provides a convenient 50 ohm cable termination.

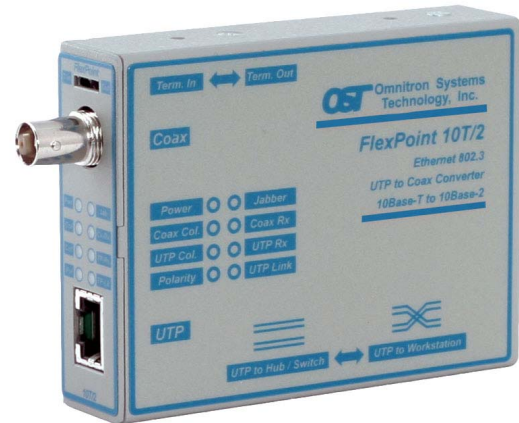
Descriptions of the LED indicators are provided on the label for easy in-the-field installation and maintenance. The LEDs report the availability of power, port activity and link status, polarity reversal detection and correction, collision and jabbers.

FlexPoint modules can be mounted utilizing optional wall-mounting hardware or with DIN-rail mounting brackets. They can also be rack-mounted in a 5-Module shelf or in a high-density 14-Module, power-redundant Powered Chassis.

FlexPoint modules installed in the 5-Module shelf or used as standalone devices can be powered by an external AC to DC power adapter, or through the 5VDC chassis connector. Standalone modules can also be powered by attaching an external DC power supply (18-60VDC). When used in the 14-Module power-redundant Powered Chassis with any combination of AC and DC power supplies, the installed modules are powered via the 5VDC chassis connector.

The wide variety of FlexPoint mounting and power options provide flexible upgrade paths as network requirements change and grow.

Simple, dependable and flexible. For over a decade, FlexPoint media converters have been providing reliable fiber connectivity in Enterprise and mission-critical networks around the world.



- The FlexPoint 10T/2 is a Half-Duplex 10BASE-T to 10BASE-2 coax converter
- Seamlessly connects 10BASE-2 devices to 10BASE-T hubs or workstations
- Supports 50 ohm coax to a maximum distance of 185m and 30 stations
- Features convenient, switch-selectable coax line termination to save cost and space
- Features a UTP crossover switch and automatic polarity detection, correction and indication
- Labeled status LEDs for quick and easy installation
- Wall-mount or rack-mount on a 5-Module shelf or in a 14-Module power-redundant FlexPoint Powered Chassis
- Completely software independent with no installation of drivers required
- Peace-of-mind reliability backed by a lifetime warranty and free 24/7 technical support

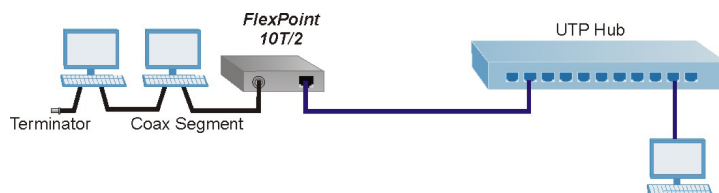
SPECIFICATIONS

Model Type	10T/2		
Protocols	IEEE 802.3, 10BASE-T, 10BASE-2		
UTP Cable	EIA/TIA 568A/B, Category 5 and higher		
UTP Connectors	RJ-45 pins 1-2, 3-6 active, Categories 3, 4, 5 (EIA/TIA 568)		
Copper Connectors	BNC, 50 ohm, RG-58/U, RG-58C/U, RG-58/U or equivalent		
Switches	UTP Crossover Coax termination		
LED Displays	Power: Yellow LED Jabber: Red LED UTP Link: Green LED UTP Receive: Green LED UTP Collision: Yellow LED UTP Polarity: Yellow LED Coax Receive: Green LED Coax Collision: Yellow LED	Power Applied Jabber Condition Device Present Data Received Collision Detected Polarity Corrected Data Received Collision Detected	
Dimensions	W: 3.0" x D: 4.0" x H: 1.0"		
Weight	6 oz. (without power adapter)		
Compliance	UL, CE, FCC Class A		
Power Requirements	Barrel Connector	Molex Connector	
	Nominal Voltage:	9VDC	5VDC
	Voltage Range:	8.0 to 15.0VDC	4.75 to 5.25VDC
	Power Nominal:	0.8A @ 9VDC	0.8A @ 5VDC
	Maximum Power:	1A @ 9VDC	1A @ 5VDC
Temperature	0 to 50° C		
Humidity	5 to 95% (non-condensing)		
Altitude	-100m to 4000m		
MTBF (Hours)	Module without Power Adapter: 1,200,000 Module with Power Adapter -1: 250,000 Module with Power Adapter -2: 100,000		



APPLICATION EXAMPLE

A FlexPoint 10T/2 provides media conversion between a 10BASE-2 and 10BASE-T network. The FlexPoint 10T/2 connects 10BASE-2 workstations to a 10BASE-T hub across a maximum distance of 100m.



ORDERING INFORMATION

Connector Type	Distance	Connector Type
		COAX
UTP	185m	4320-x
Power Adapter Kits (-x): -0 = No power adapter included -1 = 110-120 VAC/60 Hz (US plug), -2 = 100-240 VAC/50-60 Hz (IEC plug, no power cord).		

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