



DESCRIPTION

The FlexPoint 10T/2 provides conversion from 10BASE-2 coax to 10BASE-T RJ-45.

The FlexPoint 10T/2 features a crossover switch for the RJ-45 port and line termination switch for the coax port.

See data sheet for supported models.

POWER ADAPTER NOTICE

When used in a stand-alone configuration, this product should always be used with its enclosed Power Adapter.

WARNING

Before plugging the Power Adapter to any wall outlet or AC power source, verify that the power on the unit is appropriate for your AC line voltage source.

SWITCH SETTINGS

RJ-45 Crossover Switch: /

When connecting the RJ-45 port to a hub or switch, set the switch to straight through . When connecting to a PC or workstation, set the switch to crossover (factory default).

Termination Switch: Term In / Term Out

When attaching anywhere along a coax cable except at the end, the Termination switch should be set to "Term Out" and a T connector should be used. When attaching at the end of a cable, the Termination switch should be set to "Term In" (factory default). When the switch is set to "Term In", an internal 50 ohm termination is applied. In this configuration, an external termination must not be attached.

Mounting

The FlexPoint 10T/2 can be wall mounted using a wall mounting kit (4380), rack-mounted using a 5-Module shelf (4392) or inserted in a 14-Module FlexPoint Powered Chassis.

When wall-mounting or rack-mounting, connect the barrel connector at the end of the wire on the power adapter to the barrel connector on the module. Connect the power adapter to the AC outlet. Confirm that the module has powered up properly by checking the Power LED.

Connect a UTP cable to the RJ-45 port on the FlexPoint 10T/2 and connect the other end to a 10Mbps capable device. The crossover switch may need to be configured depending on the attached device. See RJ-45 Crossover Switch settings.

Connect the coax connector on the FlexPoint 10T/2 to the coax segment. The connection method and termination setting will be determined by the topology of the coax segment. See Termination Switch settings.

LED Indicators

LED	Color	Description
Power	Yellow	Module has power
Jabber	Red	ON: Jabber condition
Coax Rx	Green	ON: Receive data on coax
Coax Col	Yellow	ON: Collisions on coax
UTP Rx	Green	ON: Receive data on RJ-45
UTP Col	Yellow	ON: Collisions on RJ-45
UTP Link	Green	ON: Device detected at the end of cable
Polarity	Yellow	Reserved

SPECIFICATIONS

Standard Compliances	IEEE 802.3	
Regulatory Compliances	Safety: EMI: ACT:	UL, cUL, CE, UKCA FCC Class A TAA, BAA, NDA
Environmental	RoHS, REACH, WEEE	
Port Types	Coax: Copper:	10BASE-2 (BNC) 10BASE-T (RJ-45)
Cable Types	Coax: Copper:	50 ohm, RG-58/U, RG-58C/U or equiv EIA/TIA 568A/B, Cat 3 and higher
AC Power Requirements	AC Adapter:	100 - 240VAC/50 - 60Hz 0.09A @ 120VAC (max)
DC Power Requirements	DC Input: (AC Adapter): DC Input: (Molex Connector):	+8.0 to +15.0VDC 0.47A @ 9VDC 2.5mm Barrel Connector +4.75 to +5.25VDC, 0.84A @ 5VDC

Dimensions W x D x H	3.0" x 4.0" x 1.0" (76.2 mm x 101.6 mm x 25.4 mm)	
Weight	6 oz. (170.1 grams)	
Temperature	Commercial: Wide:	0 to 50°C -40 to 60°C
Humidity	5 to 95% (non-condensing)	
Altitude	-100m to 4,000m	
MTBF (hrs)	Module: AC Adapter (-1): AC Adapter (-2):	1,200,000 250,000 100,000
Warranty	Lifetime warranty with 24/7/365 free Technical Support	

Please complete both sides and mail or fax this registration form to:
Omnitron Systems Technology, Inc.
38 Tesla
Irvine, CA 92618 USA
Fax: (949) 250-6514

Name: _____
Company: _____
Address: _____
City: _____ State: _____ Zip Code: _____
Country: _____
Phone: _____ Fax: _____
E-mail: _____

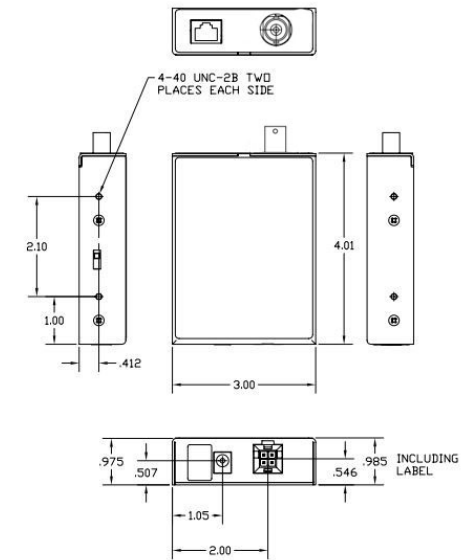
Please complete both sides of this form

Please register on-line @ <http://www.omnitron-systems.com> or complete both sides and mail or fax this registration form to:

FlexPoint Type: 10FL/T 10FL/2 10T/2 Other _____
Model: _____
Serial Number: _____ Purchase Date: _____
Purchased From: _____
Address: _____
City: _____ State: _____ Zip Code: _____
Country: _____
Comments and Suggestions: _____

Please complete both sides of this form

MECHANICAL



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Warranty

This product is warranted to the original purchaser (Buyer) against defects in material and workmanship for a period of two (2) years from the date of shipment. A lifetime warranty may be obtained by the original purchaser by registering this product at www.omnitron-systems.com/support within ninety (90) days from the date of shipment. During the warranty period, Omnitron will, at its option, repair or replace a product which is proven to be defective with the same product or with a product with at least the same functionality.

For warranty service, the product must be sent to an Omnitron designated facility, at Buyer's expense. Omnitron will pay the shipping charge to return the product to Buyer's designated US address using Omnitron's standard shipping method.

Limitation of Warranty

The foregoing warranty shall not apply to product malfunctions resulting from improper or inadequate use and/or maintenance of the equipment by Buyer, Buyer-supplied equipment, Buyer-supplied interfacing, unauthorized modifications or tampering with equipment (including removal of equipment cover by personnel not specifically authorized and certified by Omnitron), or misuse, or operating outside the environmental specification of the product (including but not limited to voltage, ambient temperature, radiation, unusual dust, etc.), or improper site preparation or maintenance. No other warranty is expressed or implied. Omnitron specifically disclaims the implied warranties of merchantability and fitness for any particular purpose.

The remedies provided herein are the Buyer's sole and exclusive remedies. Omnitron shall not be liable for any direct, indirect, special, incidental, or consequential damages, whether based on contract, tort, or any legal theory.

Environmental Notices

The equipment covered by this manual must be disposed of or recycled in accordance with the Waste Electrical and Electronic Equipment Directive (WEEE Directive) of the European Community directive 2012/19/EU on waste electrical and electronic equipment (WEEE) which, together with the RoHS Directive 2015/863/EU, for electrical and electronic equipment sold in the EU after July 2019. Such disposal must follow national legislation for IT and Telecommunication equipment in accordance with the WEEE directive: (a) Do not dispose waste equipment with unsorted municipal and household waste. (b) Collect equipment waste separately. (c) Return equipment using collection method agreed with Omnitron.

The equipment is marked with the WEEE symbol shown to indicate that it must be collected separately from other types of waste. In case of small items the symbol may be printed only on the packaging or in the user manual. If you have questions regarding the correct disposal of equipment go to www.omnitron-systems.com/support or e-mail to Omnitron at intlinfo@omnitron-systems.com.

