

10/100BASE-TX to 100BASE-FX Bridge Media Converters



PLANET FT-80x is a Fast Ethernet Bridge 100BASE-FX fiber to 10/100BASE-TX shielded twisted pair (STP) converter. It supports both half-duplex and full-duplex operations and a variety of fiber options. The converter auto-adapts to the highest level of performance supported by the device connected to the STP port. When the device is a switch or a workstation that supports full duplex, the converter adapts to the full-duplex mode and provides an effective 200Mbps bandwidth. When the connected device is a hub or a workstation that supports only half duplex, the converter adapts to the half-duplex mode and provides the nominal 100Mbps bandwidth. An override switch provides total manual control over the half/full-duplex operation in fiber-optic interface. The fiber port of the converter operates at 1310 nm and uses ST, SC, MTRJ, VF45 or WDM connectors. Multi-mode models that support distances up to 2km and single-mode models that support distances up to 15/20/35/50/60km are available.

The FT-80x series is with LFP (Link Fault Pass-through function) (LLCF/LLR) and the DIP switch design. LLCF/LLR can immediately alarm administrators the problem of the link media and provide efficient solution to monitoring the net. The DIP switch provides the disabling or enabling of the LFP function.

LLCF (Link Loss Carry Forward) means when a device is connected to the converter and the TP line loses the link, the converter's fiber will disconnect the link of transmit. LLR (Link Loss Return) means when a device is connected to the converter and the fiber line loses the link, the converter's fiber will disconnect the transmit link. Both can immediately alarm administrators the problem of the link media and provide efficient solution to monitoring the net.

Features

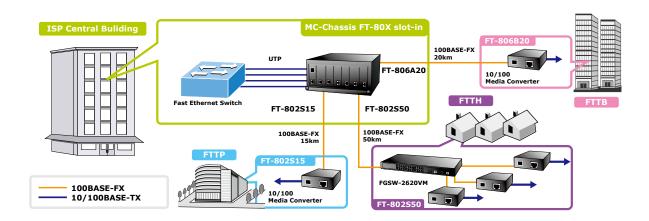
- Complies with IEEE 802.3, IEEE 802.3u 10/100BASE-TX, 100BASE-FX standard
- Connectors: One RJ45 (auto-MDI/MDI-X) twisted pair, FIA568
- One fiber-optic, 1310nm wavelength, connector type and distance vary with model
 - FT-806A20 / FT-806A60: Tx-1310nm, Rx-1550nm
 - FT-806B20 / FT-806B60: Tx-1550nm, Rx-1310nm
- · Data Transfer Rate:
 - TP: 10/100Mbps
 - FX: 100Mbps
- · Duplex mode support:
 - Full or half-duplex mode by auto-negotiation (TP)
 - Full or half-duplex mode by DIP switch (FX)
- LED indicators: PWR, FX LNK/ACT, FX FDX/COL, TP 100,
 TP LNK/ACT, TP FDX/COL
- DIP switch: 2 DIP switches
 - Rear DIP switch: FX duplex mode selection
 - Side DIP switch: LFP (Link Fault Pass-through) mode selection
- IEEE 802.3x Full-Duplex Flow-Control and Back-Pressure in Half-Duplex eliminate the loss of packets



Applications

Standalone and Centralized Management Media Converter Installation

To meet the demand for the growing network, PLANET FT-80x has provided the advanced media conversion technology. The FT-80x media converter provides various fiber connecting types to meet different network applications. It is very flexible for the FT-80x to work as a standalone device or install into the central standard media converter chassis for providing centralized power. The FT-80x is an ideal solution to building a network solution of FTTH (Fiber to the Home) or FTTC (Fiber to the Curb) and FTTB (Fiber to the Building) for ISPs, campuses and enterprises.







Specifications

Protect	Product	FT-80x Series
IEEE 802.3s., 1008ASE.FIX IEE 802.3s., 1008ASE.FIX IEEE 802.3s., 1008ASE.FIX I		IEEE 802.3, 10BASE-T
ILLE 802.34, IDW Control IEEE 802.34, IDW Co	Protocol	IEEE 802.3u, 100BASE-TX
Dimensions (W. R. D. x. H.)	Protocoi	IEEE 802.3u, 100BASE-FX
Weight 0 /2g Power Supply 5 / D.C. A. max Power Supply Act Adapter 190-24 / VACA Frequency: 50-80 Hz Connects acted metal boasing Enclosure Connects acted metal boasing Connects and Cables Shelded Twisted pair R.45. Category 5 (EA/TTA 689) F1-803 - MTRJ / Multi-mode / 2km F1-803 - MTRJ / Multi-mode / 2km F1-803 - MTRJ / Multi-mode / 2km F1-803 - MTRJ / Multi-mode / 2km F1-803 - St. So / Single mode / 36 km F1-802356 : So / Single mode / 36 km F1-8023 - So / Single mode / 26 km F1-802358 : So / Single mode / 26 km F1-8024 - WMS C/ Single mode / 26 km F1-80248 : WMS C/ Single mode / 26 km F1-8024 - WMS C/ Single mode / 26 km F1-80248 : WMS C/ Single mode / 26 km Single-mode (SN) Cable 97 25 ym F1-801 - 13 0 km F1-8024 : MMS C/ Single mode / 26 km F1-802 - 13 10 km F1-802 : MMS C/ Single mode / 26 km F1-802 - 13 10 km F1-802 : MMS C/ Single mode / 26 km F1-802 - 14 10 km F1-802 : MMS C/ Single mode / 26 km F1-802 - 15 10 km F1-802 : MMS C/ Single mode / 26 km F1-802 : MMS C/ Single mode / 26 km F1-802 : MMS C/ Single mod		IEEE 802.3x, Flow Control
Power Supply	Dimensions (W x D x H)	97 x 69 x 26 mm
Power Supply	Weight	0.2kg
Compacts sized metal housing Case with anticorrosion treatment Electrostatic paint	Power Input	5V DC, 2A, max.
	Power Supply	AC Adapter 100-240VAC Frequency: 50-60Hz
		Compact-sized metal housing
Shielded Twisted-pair	Enclosure	
RJ45, Category 5, ELA/TIA 569) FT-901: 517 Multi-mode / 2km FT-902: 517 Multi-mode / 2km FT-902: 517 Multi-mode / 2km FT-902: 515 / Nulti-mode / 2km FT-902:35 : 50. Cl Single mode / 15km FT-902:35 : 50. Cl Single mode / 15km FT-902:35 : 50. Cl Single mode / 15km FT-902:35 : 50. Cl Single mode / 20km FT-906:470 / WDM 50. Cl Single mode / 20km FT-906:470 / WDM 50. Cl Single mode / 20km FT-906:470 / WDM 50. Cl Single mode / 20km FT-906:470 / WDM 50. Cl Single mode / 20km FT-906:460 / WDM 50. Cl Single mode / 20km FT-906:480 / WDM 50. Cl Single mode / 20km FT-906:480 / WDM 50. Cl Single mode / 20km FT-906:480 / WDM 50. Cl Single mode / 20km FT-906:480 / WDM 50. Cl Single mode / 20km FT-906:480 / WDM 50. Cl Single mode / 20km FT-906:480 / WDM 50. Cl Single mode / 20km FT-906:480 / WDM 50. Cl Single mode / 20km FT-906:480 / WDM 50. Cl Single mode / 20km FT-906:480 / WDM 50. Cl Single mode / 20km FT-906:480 / WDM 50. Cl Single mode / 20km FT-906:380 / WDM 50. Cl Single mode / 20km 50. Cl Single mode / 20km 50. Cl Single mode / 20km 50. Cl Sin		Electrostatic paint
FI-801: \$1 / Multi-mode / 2km FI-802: \$0 / Multi-mode / 2km FI-802: \$0 / Multi-mode / 2km FI-802:\$15: \$0 / Multi-mode / 1km FI-802:\$15: \$0 / Single mode / 15km FI-802:\$15: \$0 / Single mode / 15km FI-808:\$0 : \$0 / Single mode / 20km FI-808:\$0 : \$0 / Single mode / 60km Multi-mode Cable \$0 / Single mode / 60km FI-808:\$0 / Single mode / 60km Multi-mode Cable \$0 / Single mode / 60km FI-808:\$0 / Single mode / 60km	Connectors and Cables	
F1-802 Sc / Multi-mode / 2km F1-8023 F3 / Sc / Single mode / 13km F1-8023 F3 / Sc / Single mode / 13km F1-8023 F3 / Sc / Single mode / 20km F1-80820 WM Sc / Single mode / 20km F1-80830 WM Sc / Single mode / 20km F1-802310 WM Sc	Shielded Twisted-pair	RJ45, Category 5 (EIA/TIA 568)
F1-80.3 MT3.1 Multi-mode / 2km F1-802815 is S.C / Single mode / 15km F1-802835 is S.C / Single mode / 25km F1-802835 is S.C / Single mode / 20km F1-808820 WDM SC / Single mode / 20km		FT-801: ST / Multi-mode / 2km
F1-80235 is SC / Single mode / 15km		FT-802 : SC / Multi-mode / 2km
F1-802351 s.S C / Single mode / 20km F1-808420 W.M SC / Single mode / 20km F1-808400 W.M SC / Single mode / 20km F1-808800 W.M SC / Single mode / 20km F1-808800 W.M SC / Single mode / 80km F1-8021 W.M SC / Single mode / 80km F1-802381 W.M SC / Single mode / 80km F1-8023		
F-B02-Sp0: Sc / Single mode / 50km		·
FT-808A20, WDM SC / Single mode / 20km FT-808A80, WDM SC / Single mode / 20km FT-808A80, WDM SC / Single mode / 60km FT-808A80, WDM SC / Single mode / 60km Single-mode (SM) Cable 30/125, pc. 2x/125 µm Single-mode (SM) Cable 3725 µm FT-801: 1310nm FT-802: 1310nm FT-802: 1310nm FT-802835: 1310nm FT-802835: 1310nm FT-802835: 1310nm FT-808A80, TX: 1310nm FT-80	Fiber-optic	· ·
FF-808B20, WDM SC / Single mode / 20km FF-808B20, WDM SC / Single mode / 60km FF-808B20, WDM SC / Single mode / 60km Single-mode (SM) Cable 91/25 µm		g ·
# 1-800A60: WDM SC / Single mode / 60km Multi-mode Cable		
Multi-mode Cable		·
Multi-mode Cable 50/125, 62.5/125 µm Single-mode (SM) Cable 9/125 µm F-802: 1310 nm F-802: 1310 nm F-802: 1310 nm F-802: 1310 nm F-802: 1310 nm F-802: 1310 nm F-802: 130 nm F-802: 130 nm F-802: 130 nm F-802: 130 nm F-8068: 0: 125 nm FX: 1310 nm F-802: 14 F-8068: 0: 125 nm F-802: 14 F-802: 14 F-802: 15: 6 F-802: 80: 12 F-802: 80: 0 F-802: 80: 12 F-808: 80: 0 F-808: 80: 0 F-808: 80: 0 F-808: 80: 0 F-808: 80: 5 F F-802: 20 (62: 5/125 µm)23. (60/125 µm) F-808: 80: 5 F F-808: 80: 5 F F-808: 80: 5 F		· ·
Single-mode (SM) Cable 9/125 µm F1-802: 1310nm F1-802: 1310nm F1-802: 15: 1310nm F1-802: 15: 1310nm F1-802: 51: 1310nm F1-802: 52: 1310nm F1-808: 52: 1310nm F1-808: 62: 12: 1310nm F1-808: 62: 12: 1310nm F1-808: 62: 12: 1310nm F1-808: 82: 12: 1310nm F1-808: 82: 1310nm F1-808: 82: 1310nm F1-808: 82: 1310nm F1-808: 82: 14 F1-802: 14 F1-802: 14 F1-802: 14 F1-802: 83: 8 F1-802: 14 F1-802: 83: 8 F1-802: 82: 8 F1-808: 80: 9 F1-808: 82: 8 F1-808: 80: 9 F1-808: 82: 8 F1-808: 80: 9 F1-808: 80: 8 F1-808: 80: 9 F1-808: 80: 8 F1-808: 9: 15: 92: 15: 9	Multi-mode Cable	
PT-802: 1310nm FT-8025: 1310nm FT-8025: 1310nm FT-8025: 1310nm FT-8025: 1310nm FT-8025: 1310nm FT-8026A0: TX: 1350nm; RX: 1350nm FT-806A0: TX: 1350nm; RX: 1350nm FT-806B0: TX: 1550nm; RX: 1310nm FT-8021-4 FT-8023-14 FT-8023-15: T-802-14 FT-8023-10 FT-8023-10 FT-8023-10 FT-8023-10 FT-8023-10 FT-8023-10 FT-8024-0 FT-80620-8 FT-80680-0 FT-80680-0 FT-8021-20 (62.5/125µm), -23.5 (50/125µm) FT-8023-20 (62.5/125µm), -23.5 (50/125µm) FT-8023-30.5 FT-8023-30.5 FT-8023-30.5 FT-8023-31.5 FT-802680-0 FT-8023-10 FT-8023-10 FT-803-10 FT-8023-10 FT-8023-10 FT-803-10 FT-804-10 FT-805-10 FT-805-10 FT-805-10 FT-805-10 <	Single-mode (SM) Cable	9/125 µm
FT-802:13:10m FT-802:55: 1310m FT-802:55: 1310m FT-802:55: 1310m FT-802:55: 1310m FT-802:55: 1310m FT-802:55: 1310m FT-806:20: TX: 1310m; RX: 1550nm FT-806:20: TX: 1310m; RX: 1550nm FT-806:20: TX: 1550nm; RX: 1310m FT-806:20: TX: 1310m; RX: 1310m FT-806:20: TX: 1310m; RX: 1310m FT-806:20: TX: 1310m; RX: 1310m FT-802: 14 FT-802: 14 FT-803: -14 FT-803: -15 F	, , ,	
FT-802515: 1310m FT-802550: 1310nm FT-802550: 1310nm FT-806A20: TX: 1310nm; RX: 1550nm FT-806A20: TX: 1310nm; RX: 1550nm FT-806B60: TX: 1550nm; RX: 1310nm FT-8025160		FT-802: 1310nm
Opic Wavelength FT-802835: 1310mm FT-806820: TX: 1550nm; RX: 1550nm FT-806820: TX: 1550nm; RX: 1310nm FT-806800: TX: 1310nm FT-806800: TX: 1310nm FT-8028100 Max. Launch Power (dBm) FT-801: -14 FT-8028100 FT-8028150 FT-8052-0- FT-806800: TX: 1550nm; RX: 1310nm Max. Launch Power (dBm) FT-801: -14 FT-8028100 FT-8028150 FT-802850-0- FT-806800-0- FT-806800-0- FT-806800-0- FT-805800-0- FT-805800-0- FT-802815- 20 FT-802815- 20 FT-802815- 20 FT-802815- 20 FT-802800-14 FT-802800-14 FT-806800-18 Min. Launch Power (dBm) FT-801: -20 (82.5/125µm), -23.5 (50/125µm) FT-802815- 20 (82.5/125µm), -23.5 (50/125µm) FT-802815- 20 FT-802815- 20 FT-802815- 31 FT-806800- 18 FT-801816- 20 FT-802815- 31 FT-802815- 31 FT-802815- 31 FT-802815- 31 FT-802815- 31 FT-802800- 31 FT-802800- 31 FT-808800- 31		FT-803: 1310nm
FT-802850: 1310m FT-808A20: TX: 1310mm; RX: 1550nm FT-808B20: TX: 1550nm; RX: 1310nm FT-808B20: TX: 1550nm; RX: 1550nm FT-808B20: TX: 1550nm; RX: 1550nm FT-808B20: TX: 1550nm; RX: 1310nm FT-808B20: TX: 1550nm; RX: 1310nm FT-802815: 14 FT-802: -14 FT-802: -14 FT-802: -14 FT-802815: 0 FT-80285: 0 FT-808A20: -8 FT-808A20: -9 FT-808A20: -14 FT-808A20:		
F1-80/250: 1310m; RX: 1550m F7-806A20: TX: 1550m; RX: 1310m F7-806A20: TX: 1550m; RX: 1310m F7-806B20: TX: 1550m; RX: 1310m F7-806B20: TX: 1550m; RX: 1310m F7-801: -14	Optic Wavelength	
FT-8068D2: TX: 1550nm; RX: 1310nm FT-8068D0: TX: 1550nm; RX: 1310nm FT-801: -14 FT-802: -14 FT-802: -14 FT-802: -14 FT-80255:0 FT-80255:0 FT-80255:0 FT-8068D0: FT-80255: -20 FT-80255: -20 FT-80255: -20 FT-80255: -35 FT-8068D0: -4 FT-80256: -318 FT-80256: -32 FT-802556: -35 FT-802556: -35 FT-80250: -35 FT-80250: -35 FT-8068D0: -318 FT-802: -318 FT-80	,	
FT-806A60: TX: 1310nm; RX: 1550nm FT-806B60: TX: 1550nm; RX: 1310nm FT-801: 14 FT-802: 14 FT-802: 1-14 FT-806A0: 0 FT-806A0: 0 FT-806A0: 0 FT-801: -20 (62.5/125μm), -23.5 (50/125μm) FT-802: 1-14		
FT-806860: TX: 1550nm; RX: 1310nm FT-801: -14 FT-802: -14 FT-802: -14 FT-802: -15 FT-802: -15 FT-802: -15 FT-802: -15 FT-802: -15 FT-805: -15 FT-80680: -14 FT-806: -15 FT-806		
FT-801: -14 FT-802: -14 FT-802: 51:0 FT-802S35:8 FT-802S35:8 FT-806A20:8 FT-806A20:8 FT-806B20:0 FT-806B20:0 FT-806B20:0 FT-806B20:0 FT-801: 20 (82.5/125μm), -23.5 (50/125μm) FT-802: 20 (82.5/125μm), -23.5 (50/125μm) FT-802: 20 (82.5/125μm), -23.5 (50/125μm) FT-802: 20 (82.5/125μm), -23.5 (50/125μm) FT-802S35: -20 FT-802S35: -15 FT-802S35: -15 FT-802S35: -15 FT-808A00:14 FT-806B20:14 FT-806B20:14 FT-806B20:14 FT-806B20:14 FT-808B20:14 FT-808B20:15 :02 		
FT-802: -14 FT-803: -14 FT-802: 51-0 FT-802: 55-0 FT-802: 55-0 FT-802: 55-0 FT-806: 20-0 FT-802: 20-0 FT-806:		
Max. Launch Power (dBm) FT-802S15:0 FT-802S50:0 FT-806A20:-8 FT-806A20:-8 FT-806B20:-8 FT-806B20:-8 FT-806B60:0 FT-801:-20 (62:5/125μm), -23.5 (50/125μm) FT-801:-20 (62:5/125μm), -23.5 (50/125μm) FT-802:-20 (62:5/125μm), -23.5 (50/125μm) FT-802:-20 FT-802S1:-20 FT-802S1:-20 FT-802S0:-15 FT-802S0:-14 FT-806A0:-14 FT-806A0:-14 FT-806A0:-14 FT-806A0:-14 FT-806B0:-5 FT-801:-31.8 FT-801:-31.8 FT-802:-31.8 FT-802S3:-34 FT-802S3:-34 FT-802S5:-35 FT-802S5:-32 FT-8062S0:-31 FT-806A0:-31 FT-806A0:-31 FT-806A0:-31		
Max. Launch Power (dBm) FT-802S35:-8 FT-802S50:0 FT-806A20:-8 FT-806B20:-8 FT-806B20:-8 FT-806A60:0 FT-806B60:0 FT-801:-20 (62.5/125μm), -23.5 (50/125μm) FT-801:-20 (62.5/125μm), -23.5 (50/125μm) FT-802:-20 (62.5/125μm), -23.5 (50/125μm) FT-802S15:-20 FT-802S15:-20 FT-802S15:-20 FT-802S30:-15 FT-802S30:-15 FT-806A0:-14 FT-806B20:-14 FT-806B00:-5 FT-806B00:-14 FT-808690:-5 FT-8081:-31.8 FT-802:-31.8 FT-802:-31.8 FT-802S35:-34 FT-802S35:-34 FT-802S30:-34 FT-802S30:-34 FT-808620:-31 FT-8082S0:-35 FT-806B20:-31 FT-808620:-31 FT-808620:-31 FT-808620:-31 FT-806630:-34 FT-806820:-31		FT-803: -14
Max. Launch Power (dBm)		FT-802S15:0
F1-806x20:-8 F7-806A20:-8 F7-806A60:0 F7-806B60:0 F7-801:-20 (62.5/125μm), -23.5 (50/125μm) F7-802:-20 (62.5/125μm), -23.5 (50/125μm) F7-803:-20 (62.5/125μm), -23.5 (50/125μm) F7-803:-20 (62.5/125μm), -23.5 (50/125μm) F7-802\$15:-20 F7-802\$50:-5 F7-802\$50:-5 F7-806A20:-14 F7-806B20:-14 F7-806B20:-14 F7-806B20:-5 F7-806B60:-5 F7-806B60:-5 F7-80680:-5 F7-80680:-31.8 F7-802:-31.8 F7-80680:-34	Max Launch Power (dBm)	
FT-806B20-8 FT-806B60:0 FT-801: 20 (62.5/125μm), -23.5 (50/125μm) FT-802: -20 (62.5/125μm), -23.5 (50/125μm) FT-802: 50 (62.5/125μm), -23.5 (50/125μm) FT-802S15: -20 FT-802S35: -15 FT-802S35: -15 FT-802S35: -15 FT-806B20: -14 FT-806B20: -14 FT-806B20: -14 FT-806B0: -5 FT-806B0: -5 FT-802: -31.8 FT-806: -32.8	max. Zaansii i siisi (aziii)	
FT-806A60:0 FT-806B60:0 FT-801: -20 (62.5/125μm), -23.5 (50/125μm) FT-802: -20 (62.5/125μm), -23.5 (50/125μm) FT-802: -20 (62.5/125μm), -23.5 (50/125μm) FT-802S15: -20 FT-802S35: -15 FT-802S35: -15 FT-802S30: -5 FT-806A20: -14 FT-806A20: -14 FT-806B20: -14 FT-806B80: -5 FT-801: -31.8 FT-802: -31.8 FT		
FT-806B60:0 FT-801: -20 (62.5/125μm), -23.5 (50/125μm) FT-802: -20 (62.5/125μm), -23.5 (50/125μm) FT-803: -20 (62.5/125μm), -23.5 (50/125μm) FT-802S15: -20 FT-802S35: -15 FT-802S35: -15 FT-806A20:-14 FT-806B20:-14 FT-806B60:-5 FT-806B60:-34		
FT-801: -20 (62.5/125µm), -23.5 (50/125µm) FT-802: -20 (62.5/125µm), -23.5 (50/125µm) FT-803: -20 (62.5/125µm), -23.5 (50/125µm) FT-802S15: -20 FT-802S35: -15 FT-802S50:-5 FT-806A20:-14 FT-806B20:-14 FT-806B0:-5 FT-806B0:-5 FT-801: -31.8 FT-802: -31.8 FT-803: -31.8 FT		
FT-802: -20 (62.5/125μm), -23.5 (50/125μm) FT-803: -20 (62.5/125μm), -23.5 (50/125μm) FT-802S15: -20 FT-802S35: -15 FT-802S50: -5 FT-806A20:-14 FT-806B20:-14 FT-806B60:-5 FT-806B60:-5 FT-801: -31.8 FT-802: -31.8		
FT-803: -20 (62.5/125μm), -23.5 (50/125μm) FT-802S15: -20 FT-802S35: -15 FT-802S50:-5 FT-806A20:-14 FT-806B60:-5 FT-806B60:-5 FT-806B60:-5 FT-801: -31.8 FT-802: -31.8 FT-803: -31.8 FT-803: -31.8 FT-803: -31.8 FT-802S35: -34 FT-803S35: -34		
FT-802S15: -20 FT-802S35: -15 FT-802S50:-5 FT-806A20:-14 FT-806B20:-14 FT-806B60:-5 FT-806B60:-5 FT-801: -31.8 FT-802: -31.8 FT-802: -31.8 FT-802: -31.8 FT-802S15: -32 FT-802S15: -32 FT-802S15: -32 FT-802S15: -32 FT-802S15: -35 FT-802S10: -35 FT-806A20:-31 FT-806B20:-31 FT-806B20:-31 FT-806B20:-31 FT-806B20:-31	Min. Launch Power (dBm)	
FT-802S50:-5 FT-806A20:-14 FT-806B20:-14 FT-806B60:-5 FT-806B60:-5 FT-801: -31.8 FT-802: -31.8 FT-802: -31.8 FT-802S15: -32 FT-802S15: -32 FT-802S35:-34 FT-802S35:-34 FT-802S30: -35 FT-806A20:-31 FT-806B20:-31 FT-806B20:-31 FT-806A60:-34		
F 1-802S50:-5 FT-806A20:-14 FT-806B20:-14 FT-806B60:-5 FT-801: -31.8 FT-802: -31.8 FT-803: -31.8 FT-803: -32 FT-802S15: -32 FT-802S35:-34 FT-802S50: -35 FT-806A20:-31 FT-806B20:-31 FT-806B20:-31 FT-806B20:-31 FT-806A60:-34		FT-802S35: -15
FT-806B20:-14 FT-806A60:-5 FT-806B60:-5 FT-801: -31.8 FT-802: -31.8 FT-802: 5-32 FT-802S15: -32 FT-802S35:-34 FT-802S50: -35 FT-806A20:-31 FT-806B20:-31 FT-806B20:-31 FT-806A60:-34		
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FT-801: -31.8 FT-802: -31.8 FT-803: -31.8 FT-802S15: -32 FT-802S35:-34 FT-802S50: -35 FT-806A20:-31 FT-806B20:-31 FT-806A60:-34		
FT-802: -31.8 FT-803: -31.8 FT-802S15: -32 FT-802S35:-34 FT-802S50: -35 FT-806A20:-31 FT-806B20:-31 FT-806A60:-34		
FT-803: -31.8 FT-802S15: -32 FT-802S35:-34 FT-802S50: -35 FT-806A20:-31 FT-806B20:-31 FT-806A60:-34		
Receive Sensitivity (dBm) FT-802S35:-34 FT-802S50: -35 FT-806A20:-31 FT-806B20:-31 FT-806A60:-34		
FT-802S50: -35 FT-806A20:-31 FT-806B20:-31 FT-806A60:-34	Receive Sensitivity (dRm)	FT-802S15: -32
FT-802S50: -35 FT-806A20:-31 FT-806B20:-31 FT-806A60:-34		FT-802S35:-34
FT-806B20:-31 FT-806A60:-34	1.000.70 Octionary (ubit)	
FT-806A60:-34		
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	FT-801: -14
	FT-802: -14
	FT-803: -14
	FT-802S15:0
Maximum Input Power (dBm)	FT-802S35:0
waxiinuin input Power (ubiii)	FT-802S50:0
	FT-806A20:0
	FT-806B20:0
	FT-806A60:0
	FT-806B60:0
Supported Distances and Functions	
Shielded Twisted-pair	100m (328 ft.)
Multi-mode Fiber Optic	412m (1,350 ft.) (half-duplex)
Wulli-mode Fiber Optic	2km (1.2 miles) (full-duplex)
	412m (1,350 ft.) (half-duplex)
	15km (9 miles) (full-duplex)
Single-mode (SM)	20km (12 miles) (full-duplex)
olligic mode (olw)	35km (21 miles) (full-duplex)
	50km (31 miles) (full-duplex)
	60km (37 miles) (full-duplex)
Port Mode	TP: Half and full duplex, auto-negotiation
TOTTWOOD	FX: Half and full duplex via DIP switch
Environment & Emissions	
Operating Environment	Temperature: 0~50 degrees C
	Humidity: 5~90% non-condensing
Storage Environment	Temperature: -40~70 degrees C
	Humidity: 5~90% non-condensing
Emissions	FCC Class A, CE Class A

Ordering Information

FT-801	10/100BASE-TX to 100BASE-FX (ST, MM) Bridge Media Converter 2km
FT-802	10/100BASE-TX to 100BASE-FX (SC, MM) Bridge Media Converter 2km
FT-802S15	10/100BASE-TX to 100BASE-FX (SC, SM) Bridge Media Converter 15km
FT-802S35	10/100BASE-TX to 100BASE-FX (SC, SM) Bridge Media Converter 35km
FT-802S50	10/100BASE-TX to 100BASE-FX (SC, SM) Bridge Media Converter 50km
FT-803	10/100BASE-TX to 100BASE-FX (MT-RJ, MM) Bridge Media Converter
FT-806A20 *	10/100BASE-TX to 100BASE-FX (WDM TX:1310nm, SM) Bridge Media Converter 20km
FT-806B20 *	10/100BASE-TX to 100BASE-FX (WDM TX:1550nm, SM) Bridge Media Converter 20km
FT-806A60 *	10/100BASE-TX to 100BASE-FX (WDM TX:1310nm, SM) Bridge Media Converter 60km
FT-806B60 *	10/100BASE-TX to 100BASE-FX (WDM TX:1550nm, SM) Bridge Media Converter 60km
Remarks *	FT-806A20/806B20 and FT-806A60/806B60 should run in pair. It means you must connect FT-806A20 / FT-806A60 to one end while FT-806B20 / FT-806B60 to the other end.

Related Products

MC-700	7-slot 10" Media Converter Chassis
MC-1500	15-slot 19" Media Converter Chassis
MC-1500R	15-slot Media Converter Chassis (AC Power)
MC-1500R48	15-slot Media Converter Chassis (DC Power)

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