

Bridge Media Converter 10/100 Base-TX to 100Base-FX TP-to-ST/SC/VF-45/MT-RJ



Overview

IEEE802.3/u Ethernet supports two types media for network connection such as 10/100Base-TX and 100Base-Fx. The bridge media converter is designed with a switch controller and buffer memory that connects two types segments operation smoothly. This converter can be used as a standalone unit or as a slide-in module to the 19" converter rack (up to 10 units) for use at a central wiring closet.

TP-Fiber Technical Specifications

Standards :	IEEE802.3u 100Base-TX/FX
Model :	TP ↔ ST/SC
Connector Type :	RJ-45 10/100TX ↔ ST/SC 1300nm
The 100Mbps 1300nm Fiber Transceivers :	SC single-mode S20 Km. are optional
UTP Cable :	Cat.5 cable upto 100m
Fiber Cable :	8.3/125..8, 7/125, 9/125 or 10/125um signal-mode
LED Indicators :	Power, FX LN K/A CT, 100, TP LNK/ACT , FDX/COL
Data Transfer Rate :	
Speed : 100Mbps	Forwarding Rate : 148,800PPS
Speed : 10Mbps	Forwarding Rate : 14,880PPS
Flow Control :	IEEE802.3x compliant for full-duplex
	Back pressure flow control for half-duplex
Power Requirement :	1A@+5VDC
Ambient Temperature :	0°C to 50°VDC
Humidity :	5% to 90%
Dimensions :	40H x 110W x 140D (mm)
	31H x 130W x 161D (mm)

Note : Connecting to Router, Bridge , or Switch please refer to the device's Technical Manual

Wire Connection, Front and Side Panel

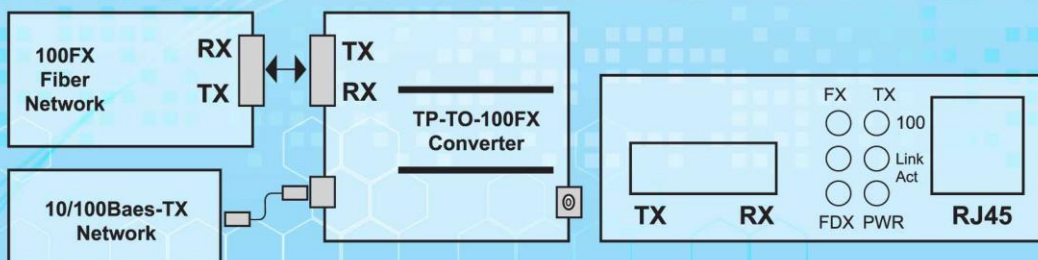


Fig.1 Basic Network Connection

Fig.2 Bridge Media Converter Front Panel