



## DESCRIPTION

PLANET FT-802 TX to FX 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 SC connectors over multimode fiber.

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 in case of a problem and provide efficient solutions to monitoring the net. The DIP switch allows you to disable or enable the LFP function.

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

Complies with IEEE 802.3, IEEE 802.3u 10/100Base-TX, 100Base-FX Standards

- Connectors: One RJ-45 (Auto-MDI/MDI-X) twisted pair, EIA568
- One fiber-optic, 1310nm wavelength, SC connector- 2km on multimode fiber
- 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

## TECHNICAL CHARACTERISTICS

Brand : PLANET

Part number : FT-802