



DESCRIPTION

The 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 SC connectors. Operation distance up to 15 km over single mode 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 on the link and provide efficient solutions to monitoring the net. The DIP switch allows you to disable/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 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.

- 10/100Base-TX to 100Base-FX SC Bridge Media Converter - 15km
- Complies with IEEE 802.3, IEEE 802.3u 10/100Base-TX, 100Base-FX Standard
- Connectors: One RJ-45 (Auto-MDI/MDI-X) twisted pair, EIA568/ One fiber-optic, 1310nm wavelength

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-802S15