ProLabs

C-FMC-FX-4ST

10/100Base-TX(RJ-45) to 100Base-LX(ST) SMF 1310nm 40km Media Converter

Features

- Auto-adaptation 10Mbps and 100Mbps, convenient for network updating.
- With famous brand optical-electronic-integration module providing excellent optical and electrical properties to ensure reliable data transmission and long working life
- Supporting broadcast filtering, address auto-learning and auto-updating, and store-and-forward operating mechanism.
- Supporting full-duplex flow control or half-duplex backpressure working pattern, along with Auto-negotiation.
- Single RJ-45 electrical port NIC/HUB, auto cross-identification, link to computer network cards, switches or HUB
- Supporting switches to cheese between 10/10Mbps store-and forward and straight-through transmission pattern (distinct).
- With more than 50,000 hours MTBF, complying with telecom operating standard.
- Ultra low power dissipation (<2.5W, Input: AC140 ~ 260V), low heat, and long stable work.
- Supporting standalone use

Product Description

This is a media converter that converts a 10/100Base-TX(RJ-45) to 100Base-LX(ST) via a 1310nm single-mode fiber (SMF) ST connector, which allows distance reach up to 40km. This provides a cost effective conversion from 10/100Base-TX(RJ-45) to 100Base-LX fiber, while extending the network reach beyond the 100m reach limitation of copper. Our media converters are 100% compliant for all of our networking needs. Now you have a cost effective solution to your network upgrade needs.

Specifications

Parameter	Media Converter
Access Method	10/100Mbps
Standard	IEEE802.3, IEEE802.3u, IEEE802.3x, IEEE802.1q, IEEE802.1p, IEEE802.1d
Wavelength	1310nm
Distance	Single Fiber SM: 40km CAT5: 100m
Conversion Method	Media Conversion, Store-and-Forward/straight through
Mac Address Table	1K
Buffer Size	1Mbit
Flow Control	Duplex: Flow control; Half duplex: back pressure
Time Delay	Store-and-Forward: 9.6µs
BER	<1/1000000000
LED Indicator Lamps	TP 100, FX100, FX LiNK/ACT, TP LINK/ACT, FDX, Power
Power Supply	DC5V 1A (external power), AC220 0.5A/DC-48 (internal power)
Power Dissipation	2.5W
Operating Temperature	0~50°C
Humidity	5%~90% non-condescending
Storage Temperature	5%~90%