

PRO-FMC-FX-SC

10/100Base-TX(RJ-45) to 100Base-FX(SC) MMF 1310nm 2km Media Converter

Features

- Auto-adaptation 10Mbps and 100Mbps, convenient for network updating.
- With distinct IC IP113 HIC solution, low-temperature-rise chip, no need of cooling system, realization of flow control, decrease of broadcast storm.
- With optical - electronic - integration module providing excellent optical and electrical properties to ensure reliable data transmission and long working life.
- Supports broadcast filtering, address auto - learning and auto - updating, and store - and - forward operating mechanism.
- Supports 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 switch choice 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.
- Supports choosing optical ports from multimode (MM), single - mode (SM).



Product Description

This is a media converter that converts a 10/100Base-TX(RJ-45) to 100Base-FX(SC) via a 1310nm multi-mode fiber (MMF) SC connector, which allows distance reach up to 2km. This provides a cost effective conversion from 10/100Base-TX(RJ-45) to 100Base-FX 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	Specification
Access Method	10/100Mbps
Standard	IEEE802.3, IEEE802.3u, IEEE802.3x, IEEE802.1q, IEEE802.1p, IEEE802.1d
Wavelength	1310nm
Distance	Dual Fiber MM: 2km 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: 9.6 μ s, Straight-through: 0.9 μ s
BER	<1/1000000000
LED Indicator Lamps	TP 100, FX100, FX LiNK/ACT, TP LiNK/ACT, FDX, Power
Power Supply	AC/DC Power Adapter - 5V DC Input
Power Dissipation	2.5W
Operating Temperature	0~50°C
Humidity	5%~90% non-condensing
Storage Temperature	5%~90%

About Us:

Proline Options is one of North America's leading providers of transceivers and high speed cabling. With a reputation for quality, tested products that cover the connectivity spectrum, Proline Options has a solution for you regardless of the specification.

At Proline Options, every product is tested in its intended application - never batch or spec tested only. We run bandwidth, distance and IOS network tests. We have documented an impressive 0.03% failure rate over the last 10 years. To continue this rate of success we invest millions annually in our own on-site testing lab.

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