

ADD-FMCMN-FX-SC

10/100Base-TX(RJ-45) to 100Base-FX(SC) MMF 1310nm 2km Mini 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 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 choose 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 choosing optical ports from multimode (MM), single-mode (SM).
- Compact package size

Product Description

This is a mini 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 and saving space (3.75" x 2.25" x 1"). 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	850m/1310nm/1550nm
Distance	Dual Fiber MM: 2km Dual Fiber SM: 10/20/30/50/80km Single Fiber SM: 20/40/80km 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	DC5V 1A (external power), AC220 0.5A/DC-48 (internal power)
Power Dissipation	2.5W
Operating Temperature	0~50°C
Humidity	5%~90% non-condensing
Storage Temperature	5%~90%

Contact Information

Founded in 1999, AddOn Networks is North America's leading provider of Transceivers and high-speed cabling. With a reputation for high quality products as well as an extensive custom design portfolio, AddOn has the connectivity solution regardless of the requirement.

At AddOn, 100% of the products we ship every day are tested in the specific application for which they are intended—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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