ComX Computers
Product Specification Sheet

MC100CM

TP-Link MC100CM Fast Ethernet Media Converter

Product Overview

TP-Link MC100CM Fast Ethernet Media Converter, Full-duplex,up to 2Km, switching power adapter, chassis mountable



Specifications

Overview:

The MC100CM is a media converter designed to convert 100BASE-FX fiber to 100Base-TX copper media or vice versa. Designed under IEEE 802.3u 10/100Base-TX and 100Base-FX standards, the MC100CM is designed for use with multi-mode fiber cable utilizing the SC-Type connector. The MC100CM supports longwave (LX) laser specification at a full wire speed forwarding rate. It works at 1310nm on both transmitting and receiving data. Other features of this module include the ability to be used as a stand alone device (no chassis required) or with TP-LINK´s 19"system chassis, Auto MDI/MDI-X for TX port, Auto negotiation of duplex mode on TX port and front panel status LEDs. The MC100CM will transmit at extended fiber optic distances utilizing multi-mode fiber up to 2 kilometers.

Features:

- Auto negotiation of 10/100Mbps and auto MDI/MDIX for TX port
- Provide switch configuration of Half-Duplex / Full-Duplex transfer mode for FX port
- Link Fault Passthrough and Far End Fault minimize the loss caused by link failure timely
- Extend fiber distance up to 2km
- Easy-to-view LED indicators provide status to monitor network activity easily
- External power supply

Specifications:

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Specifications	
Product Code	MC100CM
Standards and Protocols	IEEE 802.3, IEEE 802.3u, IEEE 802.3x

Basic Function	Half/Full-Duplex transfer mode for FX port
	Full Duplex Flow Control (IEEE 802.3x)
	Half Duplex Flow Control (Backpressure)
	Extends fiber distance up to 2km
	Link Fault Passthrough and Far End Fault minimize the loss caused by link failure timely
Ports	1 100M SC/UPC port
	1 100M RJ45 port (Auto MDI/MDIX)
Wave Length	1310nm
Network Media 10BASE-T	UTP category 3, 4, 5 cable (maximum 100m)
	EIA/TIA-568 100ohm STP (maximum 100m)
Network Media 100BASE-T	UTP category 5, 5e cable (maximum 100m)
	EIA/TIA-568 100ohm STP (maximum 100m)
Network Media 100BASE-FX	Multi-mode Fiber
LED Indicators	PWR, FDX/Col, Link/Act, SPD
Dimensions (W*D*H)	3.7*2.9*1.1 in. (94.5*73.0*27.0 mm)
Power Supply	External power supply
Max Power Consumption	2.5W
Safety & Emission	FCC, CE, RoHS
Environment	Operating Temperature: 0 ~40 (32 ~104)
	Storage Temperature: -40 ~70 (-40 ~158)
	Operating Humidity: 10%~90% non-condensing
	Storage Humidity: 5%~90% non-condensing

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:
https://www.comx-computers.co.za/MC100CM-TP-Link-MC100CM-Fast-Ethernet-Media-Converter-p-216320.php

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