ComX Computers
Product Specification Sheet

TL-MC112CS

TP-Link 10/100Mbps RJ45 to 100Mbps single-mode SC fibre Converter

Product Overview

TP-Link 10/100Mbps RJ45 to 100Mbps single-mode SC fibre Converter, Full-duplex,Tx:1310nm, Rx:1550nm, up to 20Km, switching power adapter, chassis mountable



Specifications

Overview:

The MC112CS is a media converter designed to convert 100BASE-FX fiber to 100Base-TX copper media or vice versa. Adopting WDM technology, MC112CS takes only one fiber cable to transmit and receive data, which will save half cabling cost for you. Designed under IEEE 802.3u 10/100Base-TX and 100Base-FX standards, the MC112CS is designed for use with single-mode fiber cable utilizing the SC-Type connector. The MC112CS supports longwave (LX) laser specification at a full wire speed forwarding rate. It works at 1310nm on transferring data and at 1550nm on receiving data. So the other end device to cooperate with the MC112CS should work at 1550nm on transferring data and at 1310nm on receiving data. Another TP-LINK's media converter MC111CS is just one of the examples to cooperate with MC112CS. Other features of this module include the ability to be used as a stand alone device (no chassis required), Auto MDI/MDI-X for TX port, Auto negotiation of duplex mode on TX port, and front panel status LEDs. The MC112CS will transmit at extended fiber optic distances utilizing single-mode fiber up to 20 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
- Adopts WDM technology, transmitting and receiving data on one single fiber
- Extend fiber distance up to 20km
- Easy-to-view LED indicators provide status to monitor network activity easily
- External power supply

Specifications:

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Specifications	
Product Code	TL-MC112CS
MEDIA CONVERTER & MODULE	
Standards and Protocols	IEEE 802.3, IEEE 802.3u, IEEE 802.3x
Basic Function	Adopts WDM technology
	Half/Full-Duplex transfer mode for FX port
	Full Duplex Flow Control (IEEE 802.3x)
	Half Duplex Flow Control (Backpressure)
	Link Fault Passthrough and Far End Fault minimize the loss caused by link failure timely
	Extends fiber distance up to 20km
Ports	1 100M SC/UPC port
	1 100M RJ45 port (Auto MDI/MDIX)
Wave Length	1310nm Tx/1550nm Rx
WDM TX	1310nm
WDM RX	1550nm
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	Single-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 Adapter
Max Power Consumption	2.41W
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/TL-MC112CS-TP-Link-10-100Mbps-RJ45-to-100Mbps-single-mode-SC-fibre-Converter-p-140360.php

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