

MC112CS

The MC112CS is a media converter designed to convert 100BASE-FX fiber to 100Base-TX copper media or vice versa. It's designed for use with single-mode fiber cable utilizing the SC-Type connector. Adopting WDM technology, MC112CS takes only one fiber to transmit and receive data, which saves you half of the cabling cost. On this fiber, it works at 1550nm on transferring data and at 1310nm on receiving data. So the other end device cooperating with the MC112CS will work at 1310nm on transferring data and at 1550nm on receiving data. Another of TP-LINK's media converters, the MC111CS is just one example of potential devices with which to cooperate with the MC111CS. Moreover, MC112CS can work as a stand alone device (no chassis required) or with TP-LINK's 19" system chassis, and is equipped with Link Fault Pass Through which minimizes loss caused by link failure.

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 Pass Through 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 20-60km
- Easy-to-view LED indicators provide status to monitor network activity easily

Specifications:

Standards	IEEE 802.3ab, IEEE 802.3z, IEEE 802.3x
Basic Functions	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 20km Link Fault Pass Through and Far End Fault minimize the loss caused by link failure timely
Interface	1 100Mbps SC port 1 100Mbps RJ45 port (Auto MDI/MDIX)
Wave Length	TX: 1310nm RX : 1550nm
Network Media	10BASE-T: UTP category 3, 4, 5 cable (maximum 100m) EIA/TIA-568 100Ω STP (maximum 100m) 100BASE-T: UTP category 5, 5e cable (maximum 100m) EIA/TIA-568 100Ω STP (maximum 100m) 100BASE-FX: Single-mode Fiber
LEDs	PWR, FDX/Col, LINK/Act, SPD
Certifications	FCC, CE
Dimensions (W x D x H)	3.7 x 2.9 x 1.1 in. (94.5 x 73.0 x 27.0 mm)
Environment	Operating Temperature: 0°C~40°C (32°F~104°F) Storage Temperature: -40°C~70°C (-40°F~158°F) Operating Humidity: 10%~90% non-condensing Storage Humidity: 5%~90% non-condensing
Power Supply	External Power Adapter, 9V/0.6A