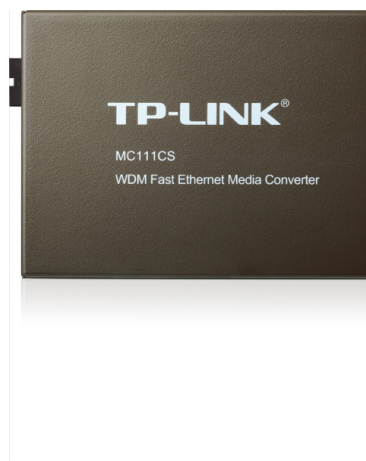


# TP-LINK MC111CS WDM Fast Ethernet Media Converter



## DESCRIPTION

The MC111CS is a media converter designed to convert 100BASE-FX fiber to 100Base-TX copper media or vice versa. Adopting WDM technology, MC111CS takes only one fiber cable to transmit and receive data, which will save half the cabling. Designed following the IEEE 802.3u 10/100Base-TX and 100Base-FX standards, the MC111CS is compatible with single-mode fiber cable over the SC-Type connector. The MC111CS supports longwave (LX) laser specification at a full wire speed forwarding rate. It works at 1550nm on transferring data and at 1310nm on receiving data. So the other end device to cooperate with the MC111CS should work at 1310nm on transferring data and at 1550nm on receiving data. Another TP-LINK's media converter MC112CS is just one of the examples to cooperate with MC111CS.

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 MC111CS will transmit at extended fiber optic distances utilizing single-mode fiber up to 20 kilometers(12.4 miles).

- Complies with 802.3u 10/100Base-TX, 100Base-FX standards
- 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

## TECHNICAL CHARACTERISTICS

|                                                |
|------------------------------------------------|
| Brand : TP-LINK                                |
| Part number : MC111CS                          |
| <b>Main features :</b>                         |
| Input connector(s) : RJ-45 Ethernet            |
| Output connector(s) : SC fiber optics (square) |
| Input signal : Gigabit fiber                   |
| Output signal : Single mode Gigabit fiber      |
| Gender of connector A : Female                 |
| Gender of connector B : Female                 |
| <b>Secondary features :</b>                    |

Power supply : External power adapter included

Industrial : No

Size : 19» rackmount