

GIGABIT SINGLEMODE MEDIA CONVERTER



FB-CC-MD9-MDCV

Rating: Not Rated Yet
24 h

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Manufacturer [Cables and Chips Inc](#)

Description

The **FB-CC-MD9-MDCV** is a media converter designed to convert 1000BASE-LX/LH fiber to 1000Base-T copper media or vice versa. Designed under IEEE802.3ab 1000Base-T and IEEE802.3z 1000Base-LX/LH standards, the **FB-CC-MD9-MDCV** is designed for use with single-mode fiber cable utilizing the SC-Type connector. The **FB-CC-MD9-MDCV** supports shortwave (SX) 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, and front panel status LEDs. The **FB-CC-MD9-MDCV** will transmit at extended fiber optic distances utilizing single-mode fiber up to 15 kilometers.

- * Works at 1000Mbps in Full-Duplex mode for both TX port and FX port
- * Supports auto MDI/MDI-X for TX port
- * Link Fault Passthrough and Far End Fault minimize the loss caused by link failure timely
- * Provides switch configuration of Force /Auto transfer mode for FX port.
- * Extends fiber distance up to 15km
- * Easy-to-view LED indicators provide status to monitor network activity easily
- * External power supply (power adapter included)

Standards and Protocols	IEEE 802.3ab, IEEE 802.3z, IEEE 802.3x
Basic Function	Full Duplex Flow Control (IEEE 802.3x)
	Extends fiber distance up to 15km
	Link Fault Passthrough and Far End Fault minimize the loss caused by link failure timely
Ports	1 1000M SC port 1 1000M RJ45 port

Network Media	1000BASE-T	(Auto MDI/MDIX) UTP Cat.5E cable (maximum 100m) EIA/TIA-568 100 ohm STP (maximum 100m)
		Single-mode Fiber
	1000BASE-FX	
LED Indicators		PWR, LINK, RX
Safety & Emission		FCC, CE
Dimensions (W*D*H)		3.7 x 2.9 x 1.1 in. (94.5 x 73.0 x 27.0 mm)
Environment		Operating Temperature: 0C~40C (32F~104F) Storage Temperature: -40C~70C (-40F~158F) Operating Humidity: 10%~90% non- condensing Storage Humidity: 5%~90% non- condensing
Power Supply		External Power Adapter