

## GIGABIT MULTIMODE MEDIA CONVERTER



FB-CC-MD6-MDCV

Rating: Not Rated Yet  
 24 h  
 ★ ★ ★ ★ ★

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Manufacturer [Cables and Chips Inc](#)

### Description

The **FB-CC-MD6-MDCV** is a media converter designed to convert 1000BASE-SX fiber to 1000Base-T copper media or vice versa. Designed under IEEE802.3ab 1000Base-T and IEEE802.3z 1000Base-SX standards, the **FB-CC-MD6-MDCV** is designed for use with multi-mode fiber cable utilizing the SC-Type connector. The **FB-CC-MD6-MDCV** supports shortwave (SX) laser specification at a full wire speed forwarding rate. It works at 850nm on both transmitting and receiving data.

Other features of this module include the ability to be used as a stand alone device. The **FB-CC-MD6-MDCV** will transmit at extended fiber optic distances utilizing multi-mode fiber up to 0.55 kilometers.

- \* Works at 1000Mbps in Full-Duplex mode for both TX port and FX port
- \* Link Fault Passthrough and Far End Fault minimize the loss caused by link failure timely
- \* Supports auto MID/MID-X for TX port
- \* Provides switch configuration of Force /Auto transfer mode for FX port
- \* Extends fiber distance up to 0.5km
- \* Easy-to-view LED indicators provide status to monitor network activity easily
- \* External power supply (power adppter included)

|                         |             |  |
|-------------------------|-------------|--|
| Standards and Protocols |             | IEEE 802.3ab, IEEE 802.3z, IEEE 802.3x   |
| Basic Function          |             | Full Duplex Flow Control (IEEE 802.3x)<br>Extends fiber distance up to 0.5km using 50/125um fiber,<br>0.22km using 62.5/125um fiber)<br>Link Fault Passthrough and Far End Fault minimize the loss caused by link failure timely |
| Ports                   |             | 1 1000M SC port<br>1 1000M RJ45 port (Auto MDI/MDIX)   |
| Network Media           | 1000BASE-T  | UTP Cat.5E cable (maximum 100m)  |
|                         | 1000BASE-FX | EIA/TIA-568 100 ohm STP (maximum 100m)<br>Multi-mode Fiber   |

## Fiber Media Converters: GIGABIT MULTIMODE MEDIA CONVERTER

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|--------------------|--|
| LED Indicators     | PWR, LINK, RX  |
| Safety & Emission  | FCC, CE  |
| Dimensions (W*D*H) | 3.7*2.9*1.1 in. (94.5*73.0*27.0 mm)  |
| Environment        | Operating Temperature: 0C~40C (32F~104F)<br>Storage Temperature: -40C~70C (-40F~158F)<br>Operating Humidity: 10%~90% non-condensing<br>Storage Humidity: 5%~90% non-condensing |
| Power Supply       | External Power Adapter   |