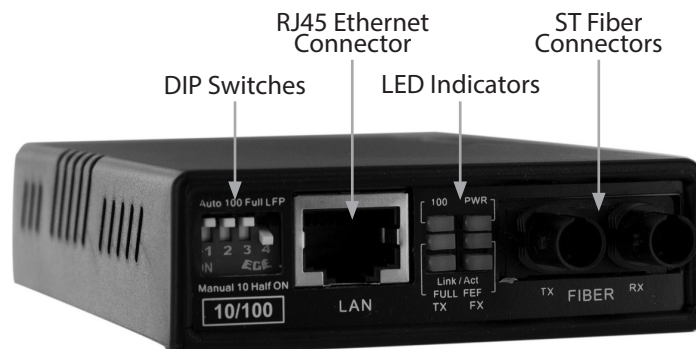


## 10/100 Ethernet to Multi Mode Fiber Media Converter SC/ST 2km

MCM110SC2 / MCM110SC2GB / MCM110SC2EU  
 MCM110ST2 / MCM110ST2GB / MCM110ST2EU

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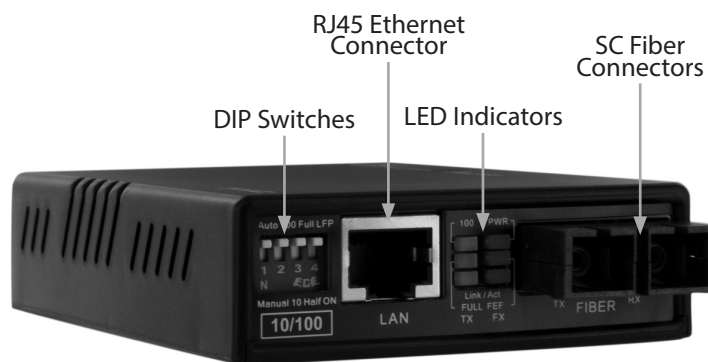
\*actual product may vary from photos

### Packaging Contents

- Fiber/Ethernet media converter
- Power Adapter
- Instruction Manual

### System Requirements

- 10/100Base-TX compatible Ethernet network
- 100Base-FX fiber network
- SC/ST multi-mode fiber cable
- Available AC electrical outlet



### Installation

1. Connect the Ethernet cable to the Fiber Media Converter "LAN" port.
2. Connect the other end of the Ethernet cable to the router/switch/computer NIC.
3. Connect the fiber cable into the fiber receptacle on the media converter.
4. Plug the provided power adapter into the media converter, and into an available AC power outlet.
5. Connect the other end of the fiber cable into the router/switch/computer NIC/another media converter. Remember to reverse the TX and RX leads between the two devices.

### DIP Switch Settings

Switch	Function	State	Status
SW1	UTP Mode	Auto	Auto UTP detection
		Manual	Use manual UTP settings
SW2*	UTP Speed	100	100Mbps link speed
		10	10Mbps link speed
SW3*	UTP Duplex	Full	Full duplex
		Half	Half duplex
SW4	Link Fault Pass-through	LFP	LFP mode off
		ON	LFP mode on

\*not enabled when SW1 set to 'Auto'

### LED Indicators

LED	Function	State	Status
PWR	Power Indicator	ON	Converter has power
		OFF	Converter has no power
FX Link/Act	Fiber Link/Activity	ON	Fiber link OK
		OFF	No link detected
		Flashing	Receiving data
FEF	Far End Fault	ON	Far end link failure
		OFF	No failure detected
100	Mode	ON	100Mbps
		OFF	10Mbps
Full	Duplex Mode	ON	Full duplex mode
		OFF	Half duplex mode
TX Link/Act	Ethernet Link/Activity	ON	Ethernet link detected
		OFF	No link detected
		Flashing	Receiving data

## Specifications

	MCM110SC2	MCM110ST2
<b>Connectors</b>	1 x RJ45 Ethernet 2 x SC Fiber 1 x Power connector	1 x RJ45 Ethernet 2 x ST Fiber 1 x Power connector
<b>LEDs</b>	Power, Fiber Link/Activity, Ethernet Link/Activity, 10/100, Full/Half Duplex, FEF	
<b>Fiber Type</b>	Multi-Mode (62.5 or 50/125 micron)	
<b>Optical Wavelength</b>	1310nm	
<b>Maximum Distance</b>	2 km	
<b>Transmission Standards</b>	IEEE802.3 10BASE-T, IEEE802.3u 100BASE-TX, 100BASE-FX	
<b>Duplex Modes</b>	Full/Half Duplex (Ethernet) Full Duplex (Fiber)	
<b>Power Adapter</b>	12VDC, 200mA, center positive, type M plug	
<b>Enclosure Material</b>	Plastic	
<b>Operating Temperature</b>	0°C ~ 50°C (32°F ~ 122°F)	
<b>Storage Temperature</b>	-10°C ~ 70°C (14°F ~ 158°F)	
<b>Humidity</b>	10% ~ 90% RH	
<b>Dimensions</b>	95.0mm x 7	
<b>Weight</b>	90.5	

### FCC Compliance Statement

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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For the latest drivers/software, please visit [www.startech.com/downloads](http://www.startech.com/downloads)

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