

## MC Series 10/100M Media Converter (One Fiber Ports and Two UTP Ports)



### Description:

10/100Base-TX/FX Bridge Media Converter complies with IEEE802.3 and IEEE 802.3u Standards. MC series enables network managers to connect 10 Mbps and 100 Mbps twisted pair network segments and active equipment to fiber optic cabling more cost-effectively than ever. WDM Technology Combines Dual Fiber Cables into Single Fiber .Greatly save the Installation cost of Expensive Fiber Cable. Both a media and data rate converter, MC series features 10/100 auto-negotiation on the twisted pair port while the fiber port operates at 100 Mbps. MC series converters are ideal for any premises FTTD, LAN-to-LAN or LAN-to-WAN fiber networking applications.

### Feature:

1. Support Tag-VLAN、 Port-VLAN
2. Support 10/100Base TX to 100Base FX , can be connected to relational networking equipments . ;
3. With 128Kb RAM ;
4. Support Automatic Switch between parallel lines and crossed lines .
5. With LED Lamps function .(link/activity, 10/100M , power)
6. Support select working-mode via Hyper terminal .
7. The transmission distance can up to 120Km .

### Specifications

1. Standard Protocol: IEEE802.3 10 Base-T standard , IEEE 802.3u 100Base-TX/FX standard
2. Connector:Two RJ-45 connector,one SC/ST fiber connector .
3. Operation mode: full duplex mode or half duplex mode
4. Power supply parameter: outside: 5V DC 1A built-in: 110-265V AC 48VDC
5. Environmental temperature: 0°C-60 °C
6. Relative humidity: 5%-90%
7. TP cable: Cat5 UTP cable
8. Fiber :50/125,62.5/125um multi-mode fiber; 9/125,10/125um single-mode fiber.
9. Dimensions: External power supply: 26mmx 71mm x 94mm  
Built-in power supply: 40mm x 110mm x 140mm

**LED Lamps function**

LED Lamps	Functions	Status	Description
PWR	Power LED	on	Power is on and normal
		off	Power is fail
FX-SD	Fiber port link/action status LED	on	Fiber signals is detected
		off	No fiber signals
FX-LINK/ACT	Fiber port link/action status LED	on	Fiber link is in correct connection
		Blink	Data packet goes through FX end
		off	Fiber link is fail
TX-SPD (Left one)	UTP port speed LED	on	100M speed
		off	10M speed
TX-LINK/ACT (Right one)	UTP port link/action status LED	on	The UTP link is in correct connection
		Blink	Data packet goes through TX end
		off	The UTP link is fail