

# MEDIA CONVERTER

Mini Media Converter 10/100/1000 Tx SC, SM, MM.



## FEATURE

- Special used for exchanging between Ethernet LAN cable and Fiber.
- Special made chip with low consumption, supporting over long time frame.
- Superior Photoelectric integrated module which provide good optical and electrical performance.
- Ensure the reliability of data transmitting, long operating life span.
- Support Internal and External: 1.5U rack mount, optional installation method.
- Average of No trouble working time to 50000 hours, meet the ITU-T standard.
- Integrated after selling services, 3 years warranty, lifetime Maintenance Service.



## PRODUCT DESCRIPTION

Media converter used for the exchanging between Ethernet and fiber. The machine comprises 1 Ethernet port and 2 fiber ports, and expanded the LAN cable transmission distance from 100 meters to 20 kilometers. It realized the inter connections between different telecom equipment and widely been used in Telecommunication, CATV, Bandwidth network, CCTV where demands high performance and reliability network environment.

## SPECIFICATION

- Standard: IEEE 802.3 10BaseT, IEEE 802.3u 100Base-TX, 100Base-FX, IEEE 802.3z/AB 1000Base-T/SX/LX/ZX.
- Interface: Twisted pair cable: RJ45; Fiber: SC/ST/FC.
- 100 base LED: PWR, FX 100, FX Link/Act, FDX, TX 100, TX Link/Act.
- Transmission Speed: LAN cable: 10Mbps, 100Mbps, 1000Mbps. Fiber: 1000Mbps
- Duplex Way: Ethernet duplex or half duplex.
- Flow control: Full duplex IEEE 802.3x flow control: Half duplex back flow control.
- LAN Cable: Category 5, Category 5E, Category 6.
- Fiber Type: Multimode 50/125, 62.5/125u
- Power: AC: 110V-240V wide voltage input, 50Hz; DC: 12V 0.5A (Compatible 5-19V, 6W), equipped with USA, British, Europe, Austria total 4 types changeable plug.
- Environment Temperature: -20~65°C.
- Storage Temperature: -20~70°C.
- Humidity: 5%~90%.
- Size: 86×48×22mm (H×D×W).

## COMPLIANCE

- IEEE 802.3 Ethernet
- IEEE 802.3U Ethernet
- IEEE 802.3ab Ethernet
- IEEE 802.3z Ethernet
- IEEE 802.1d Spanning Tree

## APPLICATION

- Inter cities fiber optic network: Applied in telecom and CATV data network operators.
- Bandwidth application: Applied in Financial, governmental, oil, railway, power grid, transportation, education special networks.
- Data transmission: image, voice, data comprehensive transmission, applicable for remote education, video conference, CCTV surveillance control signal, image and data simultaneous transmission.

## ORDER INFORMATION

PRODUCT	PART NUMBER
Mini Media Converter 10/100/1000 Tx SC, MM, 2Km	MCM-G5-02
Mini Media Converter 10/100/1000 Tx SC, SM, 20Km	MCM-G9-20

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