

# MEDIA CONVERTER PRODUCTS

Media Converter 10G SFP+ Port to 10G Base-TX



## FEATURE

- Support Jumbo Frame
- Transparent Transport and very low delay
- Support ITUT prescribed DWDM / CWDM wavelength
- Support Loopback test function
- Support hot plugging
- Full State Led display
- Supports auto MDI/MDIX function
- Status LED for easy monitoring of device status
- FCC Class A & CE approved



## PRODUCT DESCRIPTION

This product is high-performance 10G optical media converter, Using Optical - Electrical wavelength conversion, realize the optical signal equilibrium amplification, clock extraction and optical regeneration, and with WDM (DWDM/CWDM) technology, can achieve optical signals transmit in a single fiber by single or multiple way over a long distance. On the existing network infrastructure, it can quickly improve the communication capacity, expand the bandwidth, while using low cost and high cost-effective solutions to manage and operate the system, easy operation and maintenance.

## SPECIFICATION

### Interface

- 1 x Ethernet port (RJ45) 10GBase-Tx
- 1 x Optical port (SFP+) 10GBase-Fx

### Optical Port

- Transfer Distance: up to 80km;
- Connectors: SFP+
- Fiber core: 9/125um on single mode fiber, 50/125um and 62.5/125um on multi-mode fiber

### Ethernet Port

- Available speed: force 10Gbps Full-Duplex and Half-Duplex auto-negotiation
- Connectors: RJ-45 Connector; MDI/MDI-X connection auto-sensing

### Standard

- IEEE802.3an(10Gbase-T)
- IEEE802.3ae(10Gbase-SR/LR/ER/ZR)
- IEEE 802.3, IEEE 802.3u, IEEE 802.3ab

### Power Requirement

- Input: 5V DC

### Physical Characteristics

- Housing: Metal enclosure
- Dimensions: 117 x 85 x 28mm
- Weight: 0.65kg

### Environmental Limits

- Operating Temperature: -10°C to 70°C
- Storage Temperature: -20°C to 70°C
- Operating Humidity: 10% to 90% RH
- Storage Humidity: 5% to 90% RH

### Agency Approvals

- FCC Part 15 of Class A & CE approved, RoHS, UL.

## ORDER INFORMATION

PRODUCT	PART NUMBER
Media Converter 10G SFP+ Port to 10G Base-TX	MC-10G-80

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