

## GIGABIT MINI MEDIA CONVERTER

### Unmanaged Mini 10/100/1000Base-TX to 100/1000Base-FX Media Converter

EN-MC-SFPRJ45 is an unmanaged Gigabit Ethernet stand-alone Mini media converter that provides cost-effective, entry-level media conversion between 1x10/100/1000Base-TX ports and 100/1000Base-FX ports. With its fixed configuration, deployments are just plug-and-play, and with its small size, it is ideal for locations where space is limited.



1x10/100/1000Base Fiber Media Converter, SFP Fiber Media Converter, Options in single mode dual fiber, multimode dual fiber and single mode single fiber.

### Key Features

- Unit and Port LEDs allow for quick status information.
- Auto-Negotiation
- Fixed Full-Duplex on fiber.
- Auto-MDI/MDIX
- Automatic Link Restoration
- Connect to legacy network equipment.
- Eliminate Collision Domains
- 10/100/1000Base-TX UTP to 1000Base-FX fiber media converter
- Supports IEEE802.3U IEEE802.3z 1000Base-TX/FX protocols, IEEE802.3ab standards
- SC/FC/ST/LC optional
- DIP switch to set different configurations.
- Compact package size
- Supports IEEE802.3x flow control; 100Base-FX interface; auto MDI-MDIX function; LFP function.

### Product Specifications

<b>Transmission Distance</b>	Twisted pair 100M standard CAT5/CAT5e cable SFP, Distance depends on plug-in Fiber Transceiver Fiber: MM 500m/2km, SM 20/40/60/80/120km
Store-and-Forward Mode	1518Bytes
Pass-Through Mode	9KBytes
LFP Mode	Support

DIP Switches	LFP (optional) ALS (optional) FX Reset (optional) FX Speed Set (optional)
Connector	One UTP RJ-45 connector, one SFP connector, one DC-inlet connector
Operation Mode	Full duplex or half duplex mode
Power Requirement	Operating Voltage DC 5~12V Rated Current: 0.5/0.25A Power Consumption: Full loaded <3W
Environmental Requirement	Operating Temperature: 0°C~50°C Storage Temperature: -10°C~70°C Relative Humidity: 5%~95% (non-condensation) MTBF: 50,000H Enclosure: Metal
Mechanical Structure	Dimensions:90mm(D)×60mm(W)×20mm(H) Weight: 120g
Warranty	1-year warranty, lifetime technical support
Emissions	FCC Class A, CE Class A

### 12-Slot Mini Media Converter Rackmount

We also supply a High-Density 12-slot System. It is specially designed to house, organize and power up 12 mini media converters for central power supply, saving space and power cables. It comes with Dual Redundant Hot-swappable AC or DC Power Supplies and 2 Fans. The chassis is equipped with optional redundant power supply to ensure non-stop, reliable operation. Two cooling fans are installed internally to stabilize the performance and extend the lifetime.



The Mini Media Converters are hot-swappable, which can be removed from the rack, powered externally, and used as stand-alone units in new applications as your network needs to change in the future.

<b>PN</b>	<b>EN-MCRCK-12S1RU-DC or EN-MCRCK-12S1RU-AC</b>
<b>Slots</b>	1U rack-mounted 12 Slots Mini Media Converter chassis, with dual power supply DC-48V input or Dual AC PSU



Unit LEDs	Power & In-Use LEDs for each power supply (with the use of an optional LED module)
Dimensions	440mm(D)×245mm(W)×45mm(H)
Power	Universal input 100~240V, 50/60Hz, 3.0~1.5A Redundant Power Supply 60W, 36-72VDC INPUT.
Environment	temperature: 0~50°C Humidity: 5%~95% non-condensing 0-10,000 ft. altitude
Shipping Weight	3.2kg
Warranty	1 Year
Compliance	En60950; FCC; CE Mark



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**PoEstack series**  
COMMERCIAL GIGABIT MINI MEDIA CONVERTER  
**EN-MC-SFPRJ45**

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For further information



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