



Multi-port Media Converters

FR-210X –MC12-AA Series

- 19" Rack-mount 12-port TX to 12-port SFP Ethernet Media Converter with Redundant AC Power inputs

Product Data Sheet



FR-210X –MC12-AA Series

Overview

The chassis-based media converter system includes **12-port TX to 12-port SFP Ethernet Media Converter**. It helping save rack space and maintain organized cabling.

The chassis is powered by an **AC power supply by default** and supports **redundant power module** to ensure continuous power availability and improved system reliability.



Product Specifications

Parameters	
Product Type	1RU 12-port Fiber Media Converter Rack Chassis
Number of Media Converter	12
Input Power	AC 100V~240V, 1.5~3.0A, 50/60Hz, Redundant Power Supply
Output Power	DC 12V Per Slot, 5A
Power Consumption	36W Max
Dimensions (HxWxD)	43x440x250mm
Operating Temperature	0°C to 60°C (32°F to 140°F)
Storage Temperature	-20°C to 70°C (-4°F to 158°F)
Humidity	90% Max, Non-condensing
Cooling	Brushless DC Fan
Compliance	FCC, CE, RoHS
Warranty	2 Years

Ordering Information

Available Model	Description	Input Voltage	Operating Temp.
FR-2101-MC12-AA	Rack-mount 12-port 10/100Base-TX to 12-port 100Base-SFP Ethernet Media Converter with Redundant AC Power inputs	AC100-240V	0 to +60°C
FR-2103-MC12-AA	Rack-mount 12-port 10/100/1000Base-TX to 12-port 1000Base-SFP Ethernet Media Converter with Redundant AC Power inputs	AC100-240V	0 to +60°C
FR-2104-MC12-AA	Rack-mount 12-port 10/100/1000M/2.5G/5G/10GBase-TX to 12-port 1.25G/2.5G/5G/10GBase-SFP+ Ethernet Media Converter with Redundant AC Power inputs	AC100-240V	0 to +60°C

Precautions

To prevent equipment damage or personal injury caused by improper operation, please observe the following precautions:

- ❖ Turn off the power before installation. Wear an anti-static wrist strap and ensure proper skin contact to prevent electrostatic discharge (ESD) damage.
- ❖ Ensure the power supply voltage matches the voltage specified on the switch.
- ❖ Before powering on the switch, verify that the power circuit is not overloaded to avoid abnormal operation or equipment damage.
- ❖ Do not open the chassis while the switch is operating. To avoid the risk of electric shock, do not disassemble the device.
- ❖ Disconnect the power before cleaning. Do not use a wet cloth or liquid cleaners.
- ❖ When installing in a rack, mount equipment from bottom to top to prevent overloading.
- ❖ Do not place heavy objects on the switch.

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