

MMCR18

Media Conversion Rack-Mount Chassis

Power distribution chassis for bridging up to 18 independently-operating unmanaged media converters.



Media converter flexibility

The Allied Telesis MMCR18 is a two rack-unit high chassis, which enables network managers to use up to 18 MMC series media converters in a standard 19 inch rack. For redundancy, it can be powered with either one or two Power Supply Units (PSUs).

Power options

The MMCR18 Chassis can be powered with either an AC or DC power supply, eliminating the need for multiple power connections. Allied Telesis also offers an optional hot-swappable PSU to eliminate network downtime. The unit saves space in the wiring closet, and minimizes the number of power connections required. Single-unit media converters can be removed from the MMCR18 and deployed individually to accommodate network modifications.

By incorporating a backplane with 18 different power entry modules integrated with the printed circuit board, power is equally distributed among all media converters—whether using one or two PSUs.

Rack-mount design

Designed with a simple mounting system, each individual media converter is plugged into the back plane and secured with the included mounting rail.

The rack-mount chassis includes six status LEDs on the front panel indicating power, temperature, fan and fault status.

Technical Specifications

Status Indicators

Front Panel:

Power (2)	One for each power supply installed in back
Fan (2)	One for each fan
Temp (1)	Indicating abnormal Temp
Fault (1)	System in fault state

Back Panel:

Fault Relay:	Relay will trip open during alarm conditions
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Physical Characteristics

Dimensions (W × D × H):	44 cm x 25.5 cm x 8.7 cm (17.3 in x 10 in x 3.4 in)
Weight	4.3 kg (9.5 lb)

Environmental Specifications

Operating Temperature	0°C to 50°C (32°F to 122°F)
Storage Temperature	-20°C to 70°C (-4°F to 158°F)
Operating Humidity	5% to 80% non-condensing

Electrical/Mechanical Approvals

EMI	FCC Class A, IC Class A
Safety	UL, CSA, TUV, IEC 825-1, CE compliant

Key Features

- ▶ Modular use with all MMC bridging media converters
- ▶ Simple installation
- ▶ 18 slot unit
- ▶ Optional redundant hot-swappable PSU ensures reliability
- ▶ Free technical support

Ordering Information

AT-MMCR18-00

18 slot media converter chassis. Ships with no power supply for customization.

AT-MMCR18-60

18 slot media converter chassis. Product ships with one AC universal power supply. For redundant option, please pick from the AC or DC models below.

AT-MMCR-PWR-AC-60

AC power supply with NA, AU, UK and EU power cords.

AT-MMCR-PWR-DC-80

DC power supply.

AT-MMCR-FAN

Replacement fan. Product ships with dual fan tray.