

MCR-R15

Media Converter Rack with Internal Power Supply - 15 slots

Overview

The IFS MCR Series Media Converter Rack offers a low-profile (2.4U) design for efficient, high-density media converter installation in a standard EIA 19" rack. The chassis can accommodate up to 15 media converter modules from the IFS MCR Series family of media converters for Fast or Gigabit Ethernet transmission over optical fiber or coaxial cable.



Details

- Standard EIA 19" design
- Plug-and-Play design
- Hot swappable
- Built-in diagnostic indicators
- Convenient universal 100-240VAC power supply
- Two rear panel power bays for redundant power supply operation
- Built-in protection from over-voltage, over-current and short-circuit faults
- Compatible with MCR range of products

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Technical specifications

General

Category	Media converter rack
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Electrical

Power supply value	100 to 240 VAC, 50 to 60 Hz @ 1.5 A
Power consumption	88 W

Physical

Physical dimensions	440 x 180 x 103 mm
Net weight	4.3 kg
Material	Metal

Environmental

Operating temperature	0 to +50°C
Storage temperature	-10 to +70°C
Relative humidity	0 to 90% noncondensing
Reliability	MTBF > 50,000 h @ 25°C

Connectors

AC Line-in	IEC Socket
Back plane DC connector	2.5 mm DC receptacle (one per slot)

LED Indicators

Power 1 (Green)	On/AC power OR Off/not powered or power failure
Power 2 (Green)	On/AC power OR Off/not powered or power failure
Fan A (Green)	On/fan functioning OR Off/fan malfunction
Fan B (Green)	On/fan functioning OR Off/fan malfunction

Electrical & Mechanical

Power Consumption	Unloaded: 10 W / 34 BTU (with 1 Power Supply) Fully loaded: 88 W / 301 BTU
Output power (backplane)	+5 VDC
No. of slots	15
Fans	2

Standards Compliance

Regulatory Compliance	FCC Part 15 Class A; CE; UL 60950-1; EN 60950-1; IEC 60950-1
EMI	EN 55022 CLASS A / EN61000-3-2 / EN61000-3-3
EMS	EN 50130-4 / IEC 61000-4-2 / IEC 61000-4-3 / IEC 61000-4-4 / IEC 61000-4-5 / IEC 61000-4-6 / IEC 61000-4-8

