FMC-RK Rack-Mount Card Cage
with Internal Power Supply

- Automatic electronic current limiting feature
- Voltage transient protection on all power and signal input/ output lines provides unconditional protection from power surges and other voltage transient events
- 14 rack slots available
- All modules in the rack are hot-swappable
- Lifetime Warranty

The FMC-RK Rack-Mount Card Cage contains fourteen, 1-inch slots that can be populated with rack-mountable media converter units. A modular, internal power supply is provided in the rack. The unique design of the rack and power supply eliminates the possibility of a single-point failure of any module in the system affecting the operation of the other modules.

The FMC-RK card cage employs automatic electronic current limiting within each rack-mountable module, rather than providing the current limiting within the power supply unit. In the event of a failure, only the faulty module shuts down and the operation of the other modules within the rack continue unimpaired. This automatic current limiting feature is also self-resetting, should the fault or overload be of a temporary or intermittent condition.

Specifications

Electrical

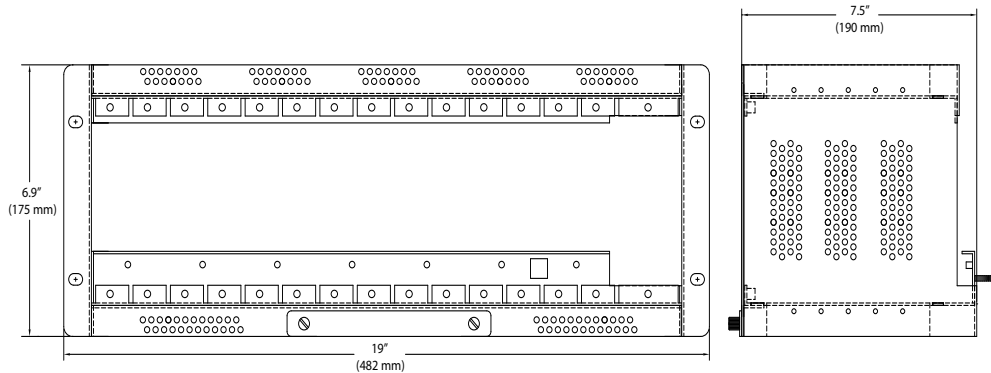|	
Input Voltage:	90-264 VAC @ 70 W maximum.
Output Voltage:	9 VDC ± 5% @ 6.5 A
Fuse:	1.25 A slow blow (rack power supply) (plug-in modules individually electronically fused).
Miscellaneous:	Red LED power indicator. Detachable, IEC-connected AC line cord. Allows easy field replacement or exchange for various worldwide AC power plug configurations.
Certifications:	Power supply only. CE; FCC Class A; UL Registered and RoHS compliant.

Environmental

MTBF:	>100,000 hours
Operating Temp:	-40ºC to +75ºC
Storage Temp:	-40ºC to +85ºC
Heat Output:	240 btu

Ordering Information

Model Number	Description
FMC-RK	14-slot, rack-mount card cage with internal power supply.
FMC-BP	Blank panel for rack. Used to cover open slots in the rack.

- Length: 19" (482 mm).
- Width: 7.5" (190 mm).
- Height: 6.9" (175 mm).
- Weight: <5 lbs. (2.15 kg)

Compatible Rack-Mount Products

	Model Number	Description
	FMC-TRRM-A	10/100 Mbps Ethernet, 2-Port, Rack-Mount Media Converter utilizing ST connectors (1310 nm).
	FMC-TRRM-B	10/100 Mbps Ethernet, 2-Port, Rack-Mount Media Converter utilizing ST connectors (1550 nm).