Overview

The compact 515R1 Card Cage Rack provides high-density racking for fiber-optic modules. It is designed to mount in standard 19-inch (483 mm) instrument racks and can accommodate the equivalent of 15 1-inch modules.

Built-In Power Supply

The 515R1 is supplied with the 515PS1 internal power supply, which is designed to supply power to the 515R1 Card Cage Rack. The 515PS1 can accept any AC voltage input between 100 and 240 V, 60/50 Hz and provides a single 13.5 VDC output rated at 6.0 amps. If required, a second power supply can be provided for redundancy.

Accessories

A series of optional blank filler panels, ranging from one to eight inches in width, are available for unused rack spaces. In addition, separate mounting brackets can be purchased to allow the 515R1 to be mounted to a wall or other suitable surface.

Standard Features

- Card cage rack for EIA consoles
- Permits local installation of rack card models
- Mounts in standard 19-inch instrument racks
- Accommodates up to 15 1-inch cards
- Built-in 6 amp power supply
- Accommodates redundant power supplies
- Power supplies equipped with fiber fail and alarm outputs
- Units can be wall-mounted using optional brackets
- Blank filler panels available for open slots

15-Slot Card Cage
515R1
515PS1

Specifications

Electrical	
Power Supply	515PS1 (built-in)
Input Voltage	100 - 240 VAC, 60/50 Hz
Current Requirement	0.99 A @ 115 VAC; 0.49 A @ 230 VAC
Power Consumption	113 VA @ 115 VAC
Power Dissipation	28 W @ 115 VAC
Output Voltage	13.5 VDC
Number of Outputs	1
Output Current	6 A
Rack Power Factor	48
Redundant Capability	Yes (optional)
Dimensions (HWD)	5.25" x 2.0" x 9.9" (133 x 51 x 252 mm)
Weight	1.9 lbs (0.87 kg)
Environmental	
Operating Temperature	-40 to 167 °F (-40 to 75 °C)
Maximum Humidity	95% relative, noncondensing
Mechanical	
Number of Slots	Fifteen 1-inch slots
Card Orientation	Vertical
Rack Units	3 RU
Dimensions (HWD)	5.25" x 19.0" x 9.86" (133 x 483 x 251 mm)
Weight	5.35 lbs (2.43 kg) including power supply
Construction	Aluminum
Mounting	Mounts in standard 19-inch (483 mm) rack using four screws (optional wall brackets purchased separately)

AGENCY COMPLIANCE

FCC PART 15 COMPLIANT CE c(UL)us

MADE IN THE USA
Complies with FDA Performance Standard for Laser Products,
Title 21, Code of Federal Regulations, Subchapter J

Related Diagram

Not Applicable

Ordering Information

Use the model numbers below when ordering.

515R1 - 15-Slot Card Cage

515PS1 - Redundant Power Supply

51FP-1 - One-Inch (25 mm) Filler Panel

51FP-2 - Two-Inch (51 mm) Filler Panel

51FP-4 - Four-Inch (102 mm) Filler Panel

51FP-8 - Eight-Inch (203 mm) Filler Panel

51WM - Wall Mounting Bracket

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