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517R1

17-Slot Card Cage

Overview

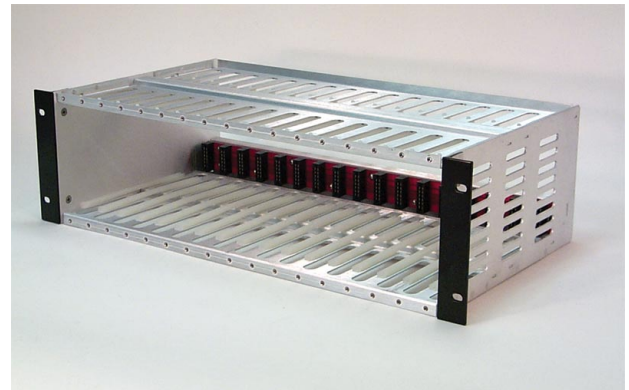
The compact 517R1 Card Cage Rack provides high-density racking for fiber-optic modules. It is designed to mount in standard 19-inch (483 mm) instrument racks and can accommodate the equivalent of 17 1-inch modules.

Uses External Power Supply

The 517R1 is designed to be powered by the 517EPS1 external power supply. The 517EPS1 is housed in a standard 19-inch rack mount housing, one Rack Unit (1 RU = 1.75 in.) high. One 517EPS1 can support two full 517R1 card racks.

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 517R1 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 17 1-inch cards**
- **Powered by 517EPS1 External Power Supply (not included)**
- **Accommodates redundant power supplies**
- **Power supply equipped with fiber fail and alarm outputs**
- **Units can be wall-mounted using optional brackets**
- **Blank filler panels available for open slots**



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Specifications

Electrical

- Power Supply: 517EPS1 (purchased separately)
- Configuration: External
- Input Voltage: 100 - 240 VAC
- Output Voltage: 13.5 VDC
- Number of Outputs: 2
- Output Current: 9 A per channel
- Rack Power Factor: 72 per channel
- Redundant Capability: Yes
- Dimensions (HWD): 1.75" x 19.0" x 11.5"
- Weight: 7.12 lbs (3.23 kg)

Mechanical

- Number of Slots: Seventeen 1-inch slots
- Card Orientation: Vertical
- Rack Units: 3 RU
- Dimensions (HWD): 5.25" x 19.0" x 9.86"
- Weight: 3.26 lbs (1.48 kg)
- Construction: Aluminum
- Mounting: Mounts in standard 19-inch rack using four screws (optional wall brackets purchased separately)

Related Diagram

Not Applicable

Ordering Information

Use the model numbers below when ordering.

517R1 - 17-Slot Card Cage
517EPS1 - External Rack-Mount Power Supply
51FP-1 - One-Inch Filler Panel
51FP-2 - Two-Inch Filler Panel
51FP-4 - Four-Inch Filler Panel
51FP-8 - Eight-Inch Filler Panel
51WM - Wall Mounting Bracket



GE Security

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