



VF-SR-20/2 and VF-PSR-2 Fiber Optic Card Cage and Power Supply

- 19-inch EIA rack
- Rear panel BUS supplies power to modules
- 120 W DC power supply included
- Blank panels available

The VF-SR-20/2 provides rack mounting and power for Vicon fiber-optic rack modules. The VF-SR20/2 mounts into a standard EIA 19-inch racking system. It can accommodate up to 14 single slot modules in any combination of receivers and transmitters.

The VF-PSR-2 power supply is included and supplies 120 W DC. It has a universal power input of 100 to 240 VAC.

For unused slots, a blank panel is available, Model VF-BPS.

ASSOCIATED EQUIPMENT AND ACCESSORIES

Model VF-BPS, Product Code 8424-00: Blank panel for VF-SR-20/2 Power Supply.

Table 1: Models, Product Codes and Descriptions

Model	Product Code	Description
VF-SR-20/2	8423-00	Card Cage with power supply
VF-PSR-2	8422-00	120 W DC power supply

**ELECTRICAL
VF-PSR-2**

Power Requirements: 100-240 VAC; no switch selection required, current limiting.

Current: 1 A.

Power Consumption: 120 W, fully loaded card cage.

Heat Equivalent: 6.8 btu/min (1.4 kg-cal/min).
Note: These figures represent the conversion of 100% of the electrical energy to heat. Actual percentage of the heat generated will be less and will vary from product to product. These figures are provided as an aid in determining the extent of cooling required for an installation.

Radio Emission Standard: FCC Class A.

CONNECTORS AND INDICATORS

Power: ON/OFF switch on rear.

Power Cord: Universal power connector on rear for AC line.

Output Connector: 6-pin Jones Cinch.

Indicators: LEDs indicate AC power on and + and - DC.

MECHANICAL

Mounting (Cage): Standard hardware.

Mounting (Card): Fasteners provided.

Card Capacity: 14.

Dimensions: Card Cage
Height: 5.25 in. (133 mm).
Width: 19 in. (483 mm).
Depth: 7.6 in. (193 mm).

Weight: Card Cage: 4.5 lb (2.0 kg)
Power Supply: 2.7 lb (1.2 kg).

Construction: Aluminum.

Finish: Black paint.

Shipping Dimensions: Card Cage
Height: 12.3 in. (312 mm).
Width: 7.7 in. (196 mm).
Depth: 20.0 in. (508 mm).
Card Cage
Height: 3.1 in. (77 mm).
Width: 7.0 in. (178 mm).
Depth: 10.2 in. (259 mm).

Shipping Weight: Card Cage: 5.9 lb (2.7 kg).
Power Supply: 3.1 lb (1.4 kg).

Shipping Volume: Card Cage: 1.1 ft³ (0.03 m³).
Power Supply: 0.13 ft³ (0.004 m³).

ENVIRONMENTAL

Operating Temperature Range: 32 to 122° F (0 to 50° C),

Humidity Range: Up to 90%, relative noncondensing..

Storage Temperature Range: -40 to 185° F (-40 to 85° C)