

RPS 24/5.5

Part No. RPS2455FAC000

3 RU Redundant Power Supply

General Description:

The **RPS2455FAC000** Series Redundant Power Supply provides a centralized power source for up to 16 LNAs, LNBs, upconverters, downconverters, line amplifiers, or laser transmitters. The unit is comprised of two separately fused power supply modules configured for nominal voltage or +24 VDC @ 5.5 amps and has been designed for international use with an input voltage of 100-240 VAC, 50/60 Hz. The power supply modules are on individual drawers to provide easy replacement of a failed module. On the rear panel, fuse holders with green LEDs indicate power status for each of the output ports.

Specifications:

Frequency:	270-2150 MHz
Insertion Loss:	1 ± 0.5 dB
Frequency Response:	± 1.0 dB
Return Loss:	14 dB
Output Voltage:	+24 VDC
Output Current:	5.5A @ 24 VDC (total load)
Power Requirements:	100-240 VAC, 50/60 Hz
Power Consumption:	220 W max.
Output Connectors:	Sixteen Type "F", 75 T
Mechanical:	3 RU (19" wide x 20" deep x 5.25" high)
Weight:	24.5 lbs. gross (boxed), 19.5 lbs. net



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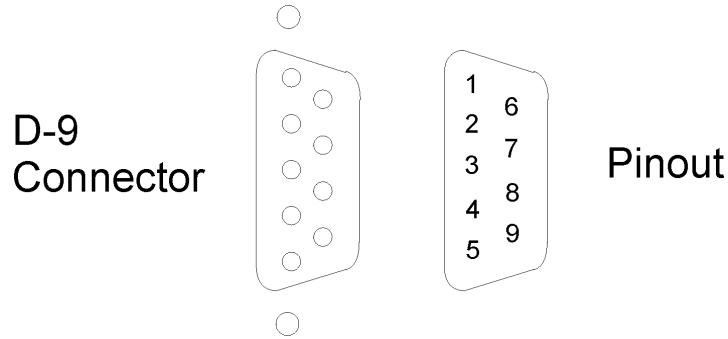
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RPS2455FAC000 Rev A

All RPS2455FAC000 redundant power supplies include form 'C' contacts for remote alarm notification of a failed power supply.

Upon powering up the RPS, relay coils will energize. If a DC supply fails, the relay will revert to its normally closed position, indicating a failure.

Pinouts for the remote alarm function are indicated below.



"ALARM" PINOUT					
<u>PSU 1</u>			<u>PSU 2</u>		
1	2	3	4	5	6
NO	NC	C	NO	NC	C
RELAY STATE WITH POWER ON					



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