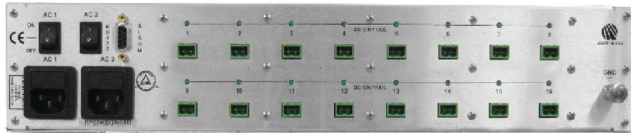


RPS Series

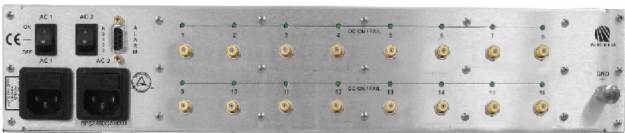
16-Port Redundant Power Supplies



RPS Q Series



RPS B Series



RPS F Series

General Description:

The RPS series redundant power supplies provides a centralized power source for as many as 16 LNBs, line amplifiers, splitters or combiners. The unit is comprised of two separately fused power supply modules configured for nominal voltage of 18 or 24 VDC as determined by *Specifications: number 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 faulty module. Both supplies are monitored by a summary alarm which employs a serial RS-422 interface. On the rear panel, green LEDs indicate power status for each of the input ports. Each input port is capable of supplying up to 900 mA through an automatically resetting circuit limiter. Loads in excess of 900 mA will 'trip' the overload detection, shutting down the input port until the current demand drops below the reset threshold point.

Features & Benefits:

- Centralized redundant power source for up to 16 active devices including LNBs/LNAs
- Two hot-swappable (shared) PSUs on individual drawers
- Allows scheduled maintenance of receivers without interrupting LNB power
- Power supply status available by control port on panel
- Individual AC for each drawer
- Prevent revenue loss due to LNB failure during feed
- Replace less reliable and non-redundant alternate LNB power sources
- AC power inputs are fused for protection.
- DC output to LNBs is overload protected requiring no fuses.

*Specifications:	RPS24/6	RPS18/4
Frequency:	270-2150 MHz	270-2150 MHz
Insertion Loss:	0.5 ± 0.5 dB	0.5 ± 0.5 dB
Frequency Response:	± 0.5 dB	± 0.5 dB
Return Loss:	14 dB	14 dB
Output Voltage:	+24 VDC	+18 VDC
Output Current:	900 mA on Any Single Port. Total of all Ports Not to Exceed 6.0A	900 mA on Any Single Port. Total of all Ports Not to Exceed 4.5A
Power Requirements:	100-240 VAC, 50/60 Hz	100-240 VAC, 50/60 Hz
Power Consumption:	50W No Load 210 W Full Load	50W No Load 210 W Full Load
Input Connectors:	Type "F", 75 Ω, BNC, 75 Ω of 50 Ω, 2-pin quick connects	Type "F", 75 Ω, BNC, 75 Ω of 50 Ω, 2-pin quick connects
Output Connectors:	Type "F", 75 Ω	BNC, 75 Ω or 50 Ω
Mechanical:	2 RU (19" W x 20" D x 3.5" H)	2 RU (19" W x 20" D x 3.5" H)
Weight:	17.8 lbs. Gross (boxed), 13.8 lbs. Net	17.8 lbs. Gross (boxed), 13.8 lbs. Net

*Specifications may vary with connector type. See data sheet for specific performance data. Call for custom configurations