


RPS 18/4.5
RPS1845FAB000
2 RU Redundant Power Supply

General Description:

The **RPS1845FAB000** Series Redundant Power Supply provides a centralized power source for as many as 16 LNAs, LNBs, upconverters, downconverters, and line amplifiers. The unit is comprised of two separately fused power supply modules configured for nominal voltage or +18 VDC @ 4.5 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. 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. An automatic resetting circuit breaker will prevent each input port from exceeding 900 mA. Loads in excess of 900 mA will 'trip' the breaker, shutting down the input port until the current demand drops below the trip point.

Specifications:

Frequency:	270-2150 MHz
Insertion Loss:	0.5 ± 0.5 dB
Frequency Response:	± 0.5 dB
Return Loss:	14 dB
Output Voltage:	+18 V 
Output Current:	900 mA on any single port. Total of all ports not to exceed 4.5 A
Power Requirements:	100-240 V~, 50/60 Hz
Power Consumption:	46 W no load, 210 W full load
Input Connectors:	Sixteen Type F, 75 Ω
Output Connectors:	Sixteen Type F, 75 Ω
Mechanical:	2 RU (19" wide x 20" deep x 3.5" high)
Weight:	17.8 lbs. gross (boxed), 13.8 lbs. net
Certifications:	CE, NRTL/TUV, FCC PART 15

