



MNRPA24/60*
(front view)

Active Products

Standalone LNB Redundant Powering Units:

2RU Chassis:

- ▶ Standalone redundant powering units for centralized powering of up to 16 LNBs, LNAs, upconverters or downconverters
- ▶ Version with 2-pin quick disconnect connectors allows for centralized redundant powering of 24V or 18V headend equipment (including MAXNET® series active splitters & active combiners)
- ▶ Hot swappable, individually fused power supplies are easily removable at the front of the chassis
- ▶ Power supplies can be monitored via RS-422 summary alarm interface
- ▶ Green LEDs on rear panel indicate power status of each input port
- ▶ Features automatically resetting circuit breakers on individual output ports
- ▶ F & BNC connector versions include loop through ports to insert DC power only upstream to LNBs while passing downstream RF/L-Band signals via output ports

2RU Standalone LNB Redundant Power Supply Specifications

ELECTRICAL SPECIFICATIONS		
	MNRPA24/60*	MNRPA18/45*
POWERING		
INPUT VOLTAGE	100/240 VAC	100/240 VAC
FREQ	50/60 Hz	50/60 Hz
POWER CONSUMPTION - NO LOAD	50 W	46 W
POWER CONSUMPTION - FULL LOAD	210 W	210 W
OUTPUT VOLTAGE	24.0 VDC	18 VDC
MAX. TOTAL OUTPUT CURRENT	6.0 Amps	4.5 Amps
MAX. OUTPUT CURRENT PER PORT	900mA	900mA
NUMBER OF POWER PORTS	16	16
SHORT CIRCUIT PROTECTION	Automatically resetting breaker on each input port	Automatically resetting breaker on each input port
RF & L-BAND PASS-THROUGH (FOR F & BNC VERSIONS ONLY)		
FREQUENCY RANGE	270-2150 MHz	270-2150 MHz
MAX. INSERTION LOSS	0.5 ± 0.5 dB	0.5 ± 0.5 dB
MIN. RETURN LOSS	14 dB	14 dB
OTHER		
OPERATING TEMPERATURE	-10°C to +50°C (+14°F to +122°F)	-10°C to +50°C (+14°F to +122°F)
APPROVALS	CE, NRTL/TUV, FCC PART 15	CE, NRTL/TUV, FCC PART 15
TEST POINTS	Front Panel (Red(+), Blk(Com))	Front Panel (Red(+), Blk(Com))
AC / DC POWER INDICATORS	Front Panel LEDs / Rear Panel LEDs for each DC Output	Front Panel LEDs / Rear Panel LEDs for each DC Output
STATUS MONITORING & ALARMS	via Serial RS-422 Interface	via Serial RS-422 Interface
SIZE	2RU	2RU
WEIGHT	13.8 lbs net (6.26 kg)	13.8 lbs net (6.26 kg)
NOTE: * F for 75 Ohm F connectors, B for 75 Ohm BNC connectors and Q for quick disconnect terminal blocks.		

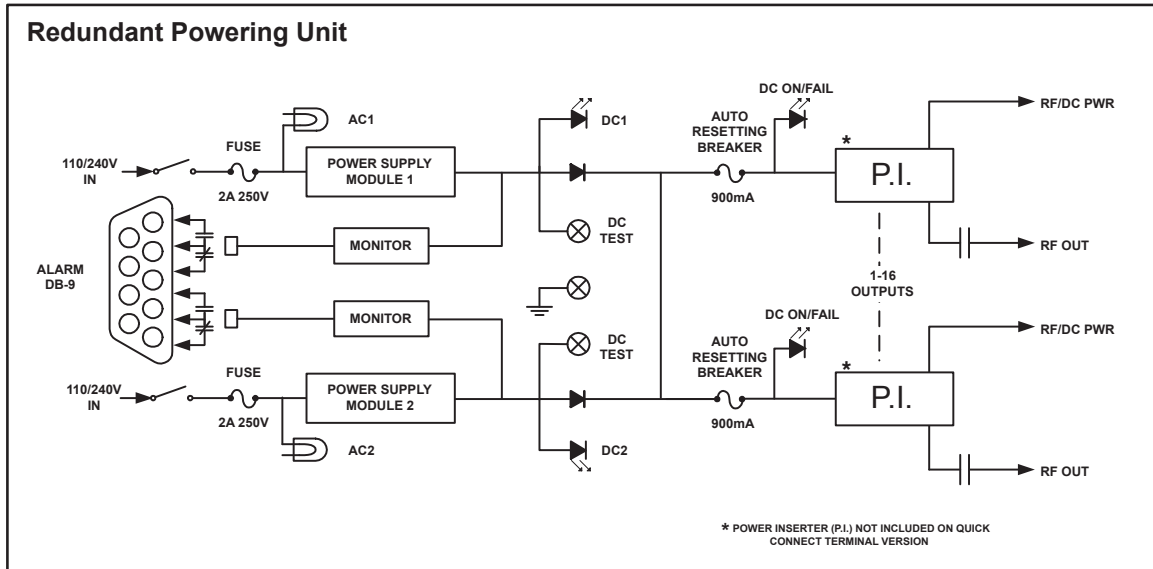
L-Band Signal Management

Standalone LNB Redundant Powering Units:

Ordering Information

Part Number	Description
MNRPA24/60F	RPS RF/L-Band 110/240 VAC, 24V 6.0A, 16-port 2RU F Connectors
MNRPA24/60Q	RPS RF/L-Band 110/240 VAC, 24V 6.0A, 16-port 2RU Quick Connectors
MNRPA24/60B	RPS RF/L-Band 110/240 VAC, 24V 6.0A, 16-port 2RU BNC Connectors
MNRPA18/45F	RPS RF/L-Band 110/240 VAC, 18V 4.5A, 16-port 2RU F Connectors
MNRPA18/45Q	RPS RF/L-Band 110/240 VAC, 18V 4.5A, 16-port 2RU Quick Connectors
MNRPA18/45B	RPS RF/L-Band 110/240 VAC, 18V 4.5A, 16-port 2RU BNC Connectors

Functional Schematic



Standalone LNB Redundant Powering Units:



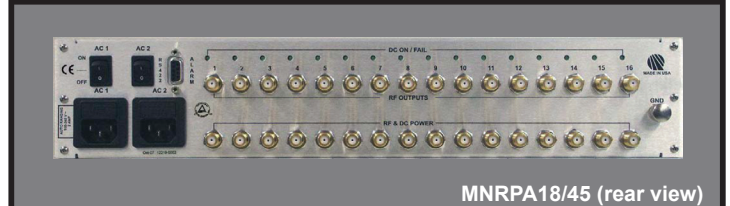
MNRPA24/60 (front view)



MNRPA18/45 (front view)



MNRPA24/60 (rear view)



MNRPA18/45 (rear view)



MNRPA24/60 with Quick Connect Terminal Blocks (rear view)



MNRPA18/45 with Quick Connect Terminal Blocks (rear view)

Specifications subject to change without notice.

