



5-Pack Series

VHF/UHF – 100 W Output Power

Designed to be fully modular and space efficient,
Providing continuous duty operation.

General Specifications		
Band	VHF	UHF
Frequency Range:	136-144 MHz (DA) 144-152 MHz (DB) 152-162 MHz (EA) 162-174 MHz (EB)	403-450 MHz (UL) 450-512 MHz (UH)
Current Draw:	23 Amperes (Max)	26 Amperes (Max)
Operating Voltage:	+13.8 VDC	
Duty Cycle:	100%	
Power Input:	See chart below	
Power Output:	100 Watts, set at factory	
Spurious & Harmonics:	-65 dBc	
Input/Output Impedance:	50 ohms (Nominal)	
Load VSWR Tolerance:	VSWR Protected	
Indicator LEDs:	DC On, Low Output, High VSWR, High Temp	
Alarm:	Summary Alarm Pin	
Input/Output Connector:	Type 'N' Female	
Cooling Method:	Fan Forced Air Over Heat sink	
Operating Temp. Range:	-30 ⁰ C to +60 ⁰ C	
Storage & Transport:	-40 ⁰ C to +70 ⁰ C	
Humidity:	80% at +40 ⁰ C (non-condensing)	
Altitude:	10,000 feet maximum	
SIZE		
Vertical Mounting:	7.0"	
Horizontal Mounting:	3.4"	
Depth:	19.0"	
Weight:	10 pounds	
POWER INPUT RANGE		
Model Description*	Required Power In	Power Output
P10-R1XX1-C7-001	100-200 mW	100 W
P10-R2XX1-C7-001	200-500 mW	100 W
P10-R5XX1-C7-001	500 mW-1 W	100 W
P10-1XX1-C7-001	1-2 W	100 W
P10-2XX1-C7-001	2-5W	100 W
P10-5XX1-C7-001	5-10 W	100 W
P10-10XX1-C7-001	10-20 W	100 W
P10-20XX1-C7-001	20-50 W	100 W
* XX-Insert the letter definition for the frequency range chosen.		

FPR-5 Rack Sold Separately. See price list at end of catalog for more information.

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These specifications are subject to change without notice.