



P5 Series - UHF

403 - 512 MHz – 50 Watts Output Power

Frequency Range:	403-450 MHz (UL) 450-512 MHz (UH)
Current Draw:	13 Amperes (Max)
Operating Voltage:	+13.8 VDC
Duty Cycle:	100%
Power Input:	See chart below
Power Output:	50 Watts, set at factory
Spurious & Harmonics:	Meets FCC Requirements
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 (Open Collector, LOW when Alarm)
Input/Output Connector:	Type 'N' Female
Cooling Method:	Fan Forced Air Over Heat sink
Operating Temp. Range:	-30° C to +60° C
Storage & Transport:	-40° C to +70° C
Humidity:	80% at +40° C (non-condensing)
Altitude:	10,000 feet maximum

SIZE

Vertical Mounting:	7.0"
Horizontal Mounting:	19.0"
Depth:	6.0"
Weight:	10 pounds nominal

POWER INPUT RANGE

<u>Model Description</u>	<u>Required Power In</u>	<u>Power Output</u>
P5-R1XX1-C5-001	100-200 mW	50 W
P5-R2XX1-C5-001	200-500 mW	50 W
P5-R5XX1-C5-001	500 mW-1 W	50 W
P5-1XX1-C5-001	1-2 W	50 W
P5-2XX1-C5-001	2-5W	50 W
P5-5XX1-C5-001	5-10 W	50 W
P5-10XX1-C5-001	10-20 W	50 W

Cables sold separately.

By-Pass Circuits, T/R Switch and Power supplies are also available for these units.

Please call for Details.

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These specifications are subject to change without notice.