



## P10 Series UHF

### 403-512 MHz - 100 Watts Output Power

Frequency Ranges:	403-450 MHz (UL), 450-512 MHz (UH)
Operating Voltage:	+13.8 VDC
Current Draw:	26 Amperes (Max)
Duty Cycle:	100%
Power Input:	See chart below
Power Output:	100 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
Input/Output Connector:	Type 'N' Female
Cooling Method:	Fan Forced Air Over Heat sink
Operating Temp. Range:	-30 <sup>0</sup> C to +60 <sup>0</sup> C
Storage & Transport:	-40 <sup>0</sup> C to +70 <sup>0</sup> C
Humidity:	80% at +40 <sup>0</sup> 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>
P10-R1XX1-C5-001	100-200 mW	100 W
P10-R2XX1-C5-001	200-500 mW	100 W
P10-R5XX1-C5-001	500 mW-1 W	100 W
P10-1XX1-C5-001	1-2 W	100 W
P10-2XX1-C5-001	2-5W	100 W
P10-5XX1-C5-001	5-10 W	100 W
P10-10XX1-C5-001	10-20 W	100 W
P10-20XX1-C5-001	20-50 W	100 W

\* **XX-Insert the letter definition for the frequency range chosen.**

**Cables sold separately. Power supplies are also available for these units.  
By-Pass and T/R Switch Options are also available for these units.**

**See price list at end of catalog for more information.**