



P10 Series VHF

136-174 MHz 100 Watts Output Power

Frequency Range:	4 Ranges: 136-144 MHz (DA), 144-152 MHz (DB), 152-162 MHz (EA), 162-174 MHz (EB)
Operating Voltage:	13.8 VDC
Current Draw:	23 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 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"
Horizontal Mounting:	19.0"
Depth:	6.0"
Weight:	10 pounds nominal

POWER INPUT RANGE

Model Description*	Required Power In	Power Output
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	2-5 W	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.**