



## P5 Series VHF

### 136-174 MHz 50 Watts Output Power

Frequency Range:	136-174 MHz (DE)
Operating Voltage:	13.8 VDC
Current Draw:	12 Amperes (Max)
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"
Horizontal Mounting:	19.0"
Depth:	6.0"
Weight:	10 pounds nominal

### POWER INPUT RANGE

Model Description*	Required Power In	Power Output
P5-R1DE1-C5-001	100-200 mW	50 W
P5-R2DE1-C5-001	200-500 mW	50 W
P5-R5DE1-C5-001	500 mW-1 W	50 W
P5-1DE1-C5-001	1-2 W	50 W
P5-2DE1-C5-001	2-5 W	50 W
P5-5DE1-C5-001	5-10 W	50 W
P5-10DE1-C5-001	10-20 W	50 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.**

