



## P15 Series VHF

### 136-174 MHz 150 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:	28 Amperes (Max)
Duty Cycle:	100%
Power Input:	See chart below
Power Output:	150 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"
Horizontal Mounting:	19.0"
Depth:	6.0"
Weight:	10 pounds nominal

### POWER INPUT RANGE

Model Description*	Required Power In	Power Output
P15-R1XX1-C5-001	100-200 mW	150 W
P15-R2XX1-C5-001	200-500 mW	150 W
P15-R5XX1-C5-001	500 mW-1 W	150 W
P15-1XX1-C5-001	1-2 W	150 W
P15-2XX1-C5-001	2-5 W	150 W
P15-5XX1-C5-001	5-10 W	150 W
P15-10XX1-C5-001	10-20 W	150 W
P15-20XX1-C5-001	20-50 W	150 W

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

**Cables sold separately. Power supplies are also available for these units.**

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