



P15 Series UHF

403-512 MHz 150 Watts Output Power

Frequency Range:	2 Ranges: 403-450 MHz (UL), 450-512 MHz (UH)
Operating Voltage:	13.8 VDC
Current Draw:	43 Amperes (Max)
Duty Cycle:	100%
Power Input:	See chart below
Power Output:	150 Watts, set to factory
Spurious & Harmonics:	Meets FCC Requirements
Input/Output Impedance:	50 ohms (Nominal)
Load VSWR Tolerance:	VSWR Protected above 2.5:1
Input/Output Connector:	Type 'N' Female
Cooling Method:	Fan Forced Air Over Heat Sinks
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:	10.0"
Horizontal Mounting:	19.0"
Depth:	6.0"
Weight:	14 pounds nominal

POWER INPUT RANGE

<u>Model Description</u>	<u>Required Power In</u>	<u>Power Output</u>
P15-R1XX1-C6-001	100-200 mW	150 W
P15-R2XX1-C6-001	200-500 mW	150 W
P15-R5XX1-C6-001	500 mW-1 W	150 W
P15-1XX1-C6-001	1-2 W	150 W
P15-2XX1-C6-001	2-5 W	150 W
P15-5XX1-C6-001	5-10 W	150 W
P15-10XX1-C6-001	10-20 W	150 W
P15-20XX1-C6-001	20-50 W	150 W

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