



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:	-70 dBc (complies with 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:	7.0"
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>
AMP-481-100-D1X	2-5 W	60-100W

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.