



P8 Series 700 MHz

764-776 MHz - 80 Watts Output Power

Frequency Range:	764-776 MHz
Operating Voltage:	+13.8 VDC
Current Draw:	24 Amperes (Max)
Duty Cycle:	100%
Power Input:	See chart below
Power Output:	80 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 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:	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>
P8-R1J1-C5-001	100-200 mW	80 W
P8-R2J1-C5-001	200-500 mW	80 W
P8-R5J1-C5-001	500 mW-1 W	80 W
P8-1J1-C5-001	1-2 W	80 W
P8-2J1-C5-001	2-5W	80 W
P8-5J1-C5-001	5-10 W	80 W
P8-10J1-C5-001	10-20 W	80 W
P8-20J1-C5-001	20-50 W	80 W

***Cables sold separately. Power supplies are also available for these units.
See price list at end of catalog for more information.***