



## P8 Series 900 MHz

### 890-942 MHz - 80 Watts Output Power

Frequency Range:	890-942 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 <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:	7.0"
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-R1L1-C5-001	100-200 mW	80 W
P8-R2L1-C5-001	200-500 mW	80 W
P8-R5L1-C5-001	500 mW-1 W	80 W
P8-1L1-C5-001	1-2 W	80 W
P8-2L1-C5-001	2-5W	80 W
P8-5L1-C5-001	5-10 W	80 W
P8-10L1-C5-001	10-20 W	80 W
P8-20L1-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.***

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These specifications are subject to change without notice.