



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 (Open Collector, LOW when Alarm)
Input/Output Connector:	Type 'N' Female
Cooling Method:	Fan Forced Air Over Heat sinks
Operating Temp. Range:	-30° C to +60° C
Storage & Transport:	-40° C to +70° C
Humidity:	80% at +40° 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

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

*By-Pass Circuits, T/R Switch and Power supplies are available.
Please call for Details.*

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These specifications are subject to change without notice.