

Broadband Power Amplifier

800 - 4200 MHz

PAS-08042-60

60 Watts CW

Features

- : Solid State Power Amplifier
- : Small Signal Gain: 68dB typ.
- : Rack Mount Case
- : Internal Cooling Fans
- : Type N Connectors
- : Over-voltage, over-current protections

Parameter	Specification @ 25°C
Saturated P _{out}	60 Watts minimum @ 2.5GHz 70 Watts Typical
Small Signal Gain	68dB typical
P _{out} @ P3dB	50 Watts minimum @ 2.5GHz
Frequency	800 – 4200 MHz
Input Impedance	50 Ohms
Input Signal Format	CW/AM/FM/PM/Pulse
Noise Figure	15dB typical
AC Power	90-264Vac, 800W max
MECHANICAL	
Dimensions	19 x 5.2 x 22 inches
Weight	42 lbs max
Cooling	Internal Forced Air

Maximum Ratings:

Operating Temperature	0°C to +50°C
Storage Temperature	-20°C to +70°C
Input Power (no damage)	+0dBm

Typical Performance Data

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Frequency (MHz)	Gain (dB)	Pout @	
		P3dB (dBm)	Psat (dBm)
800	75.0	48.3	49.2
1300	72.2	48.5	49.7
1700	70.5	48.4	49.4
2000	65.0	46.9	47.8
2500	63.0	47.6	48.2
3000	64.0	47.3	48.4
3500	71.0	47.0	48.1
4200	65.0	47.0	48.2

