

Broadband Power Amplifier

2000 - 6000 MHz

PAS-20060-60

60 Watts CW

Features

- : Solid State Power Amplifier
- : Small Signal Gain: 58dB typ.
- : Rack Mount Case
- : Internal Cooling Fans
- : Type N Connectors
- : Over-voltage, over-current protections

Parameter	Specification @ 25°C
Saturated P _{out}	65 Watts minimum @ 3.5GHz 75 Watts typical
Small Signal Gain	57.5dB typical
P _{out} @ P3dB	60 Watts minimum @ 3.5GHz
Frequency	2000 – 6000 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)	-5dBm

Typical Performance Data

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Frequency (MHz)	Gain (dB)	Pout @	
		P3dB (dBm)	Psat (dBm)
2000	54.5	47.3	48.2
2500	58.0	49.0	49.8
3000	57.5	48.4	49.5
3500	62.0	48.8	49.5
4000	59.7	48.6	49.3
4500	58.5	48.4	49.2
5000	56.5	48.4	49.0
6000	54.0	47.5	48.0

