

# 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 <sub>out</sub>	65 Watts minimum @ 3.5GHz 75 Watts typical
Small Signal Gain	58dB typical
P <sub>out</sub> @ 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
<b>MECHANICAL</b>	
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	62.3	48.2	49.3
2500	63.5	48.4	49.2
3000	62.2	47.4	48.2
3500	64.6	48.3	49.0
4000	61.3	48.1	48.7
4500	61.2	48.7	49.6
5000	56.8	47.4	47.8
6000	53.0	46.5	46.8

