

Broadband Power Amplifier

20 - 1000 MHz

PAS-00210-60

60 Watts CW

Features

- : Solid State Power Amplifier
- : Gain : 50 dB typ.
- : High IP3, 51.0 dBm typ.
- : Rack Mount Case
- : Internal Cooling Fans
- : Over Temperature Protection
- : Output VSWR protection
- : Microprocessor controlled
- : Front Panel Information Display
- : RS-232 Interface
- : Ethernet Interface
- : Variable Gain
- : ALC power control
- : Type N Connectors

Parameter	Specification @ 25°C
Rated Power Out	60 Watts CW minimum 80 Watts Typical
Gain @ Max Setting	52 dB typical
Power Out @ P3dB	60 Watts minimum
Power Out @ P1dB	35 Watts minimum
Flatness	± 2.5 dB typical
Frequency (MHz)	20-1000
Gain Adjust Range	25 dB typical, 18 Min.
Input Impedance	50 Ohms
Third Order Intercept	+51 dBm typical
Harmonic Distortion	-20 dBc typical @ 35 Watts
Spurious	-60 dBc typical @ 35 Watts
AC Power	90-132, 180-264 400W
MECHANICAL	
Dimensions	19 x 3.5 x 20 inches
Weight	28 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) +10 dBm

Model (Front Connectors)



Typical Performance Data

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Frequency (MHz)	Gain (dB)	Pout @	
		P1dB (dBm)	P3dB (dBm)
20	51.3	48.1	50.4
100	50.7	47.5	49.8
200	50.2	47.2	49.6
500	51.0	47.7	50.0
600	50.6	47.3	49.1
800	49.8	46.8	48.9
1000	46.8	44.1	47.3

