

Broadband Power Amplifier

.15 - 230 MHz

PAS-00023-25

25 Watts CW

Features

- : Solid State Power Amplifier
- : Gain : 46 dB typ.
- : High IP3, 48.0 dBm typ.
- : Bench Top Case
- : Internal Cooling Fans
- : Over Temperature Protection
- : Type N Connectors

Maximum Ratings:

Operating Temperature	0°C to +50°C
Storage Temperature	-20°C to +70°C
Input Power (no damage)	+1 dBm

Parameter	Specification @ 25°C
Rated Power Out (Psat)	25 Watts CW
Gain	46 dB typical
Pout @ P1dB	14 Watts Min
Flatness	± 2.0 dB Maximum
Frequency (MHz)	0.15-230
Input Impedance	50 Ohms
Third Order Intercept	+48 dBm typical
Harmonic Distortion	-15 dBc typ. @ 15 Watts
Spurious	-60 dBc typ. @ 15 Watts
AC Power	90-132, 180-264 150 W
MECHANICAL	
Dimensions	8.37W x 3.47H x 18D
Weight	10 lbs max
Cooling	Internal Forced Air

Model (Front Connectors)



Typical Performance Data

PAS-00023-25

Frequency (MHz)	Gain (dB)	Pout @ -3dBm		Pout @ 0dBm	
		P1dB (dBm)	PSat (dBm)	P1dB (dBm)	PSat (dBm)
0.15	45	42.0	45.4	42.0	45.4
1.0	46	42.4	45.4	42.4	45.4
15	46.1	42.1	45.2	42.1	45.2
50	46.5	42.1	45.8	42.1	45.8
100	46.5	43.2	45.7	43.2	45.7
200	45.8	42.4	45.0	42.4	45.0
230	45.3	41.7	44.2	41.7	44.2

