

Broadband Power Amplifier

800-2500 MHz

PAS-08025-200
200 Watts CW

Features

- : Solid State Power Amplifier
- : Small Signal Gain: 50 dB typ.
- : Rack Mount Case (Optional)
- : Internal Cooling Fans
- : Type N Connectors

Parameter	Specification @ 25°C
Saturated P _{out}	175 Watts CW minimum 200 Watts Typical
Small Signal Gain	50 dB typical
P _{out} @ P3dB	150 Watts minimum
Frequency	800-2500 MHz
Input Impedance	50 Ohms
Input Signal Format	CW/AM/FM/PM/Pulse
AC Power	90-132Vac, 180-264Vac, 750W
MECHANICAL	
Dimensions	19 x 5.2 x 22 inches
Weight	35 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

Typical Performance Data

PAS-08025-200

Frequency (MHz)	Gain (dB)	Pout @	
		P3dB (dBm)	Psat (dBm)
800	53.2	52.36	53.13
1000	53.1	52.86	53.33
1300	51.6	53.56	54.02
1500	52.6	53.40	53.50
1800	50.0	53.50	53.70
2000	49.6	53.35	53.70
2200	51.1	53.00	53.40
2500	49.5	52.90	53.25

