



30W Power Adjustable Amplifier 20-2500MHz

Features

- Wide Band Operation 20-2500MHz
- High Power 50~150W upon request.
- Wide range power adjustment
- Flat frequency response
- Input, output protection with alarm.
- Temperature Range -20°C~+75°C
- Customization available upon request



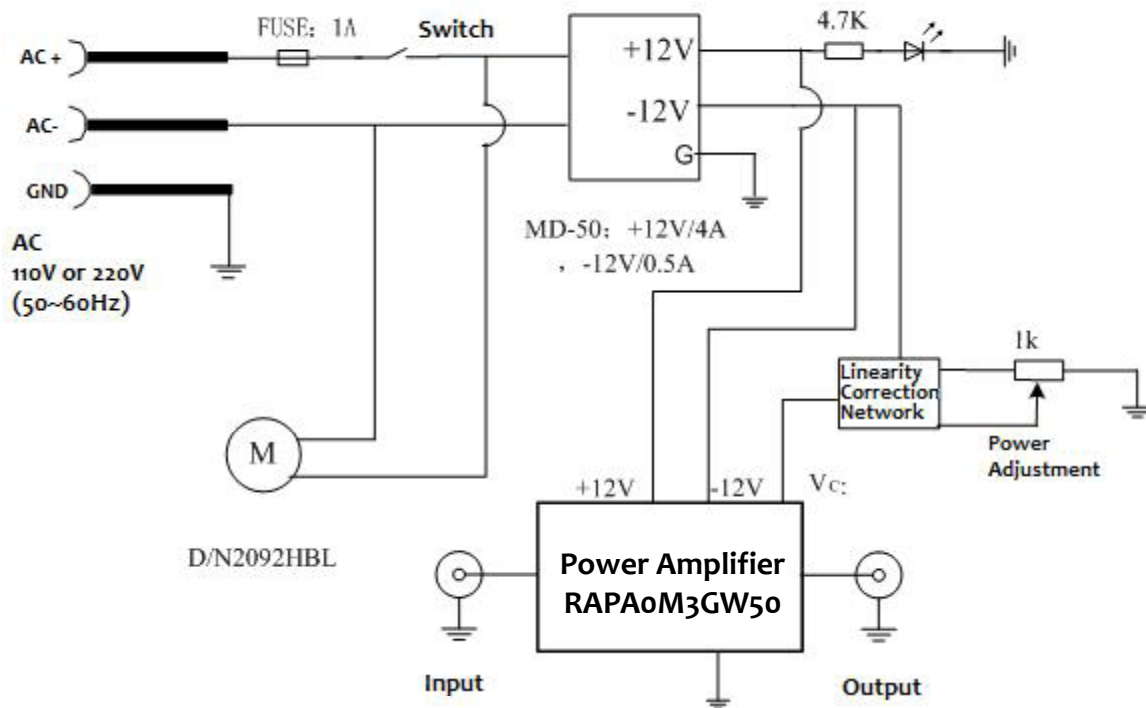
Electrical Specifications			
Frequency	20-2500MHz	Bandwidth	Full band
RF Gain	49dB+/-1.0dB	Psat	30W CW
Gain variation	+/-1dB (-25°C~+75°C)	P1dB	+45dBm
Input	-2dBm max.	VSWR:	1.5 : 1
Over Drive protection	Input>+3dBm	Current Protection	12.35A 110V AC 60Hz AND 220V AC
Alarm Light (RED)	Input Over Drive or Current protection	Power adjustment	32dB range
Cooling	Air cooling (Fan inside)	Over Temperature shut down	>95°C
Mechanical Specifications			
Operation Temperature:	-25°C to 75°C	Mechanical shock	30G, 11mSec half sin wave, 3 axis both directions
Vibration:	14.2g RMS (15-2000Hz) functional	Humidity	95% relative humidity, 65°C 96Hour
	16.2g RMS (15-2000Hz) endurance, 1 hour per axis	MTBF	50000 hour min
Connectors:	N type	Dimension	13.39" x 9.84" x 5.67" 340 X 250 X 144 mm



RF-LAMBDA

The power beyond expectations

RAPA0M3GW50



30W Power Adjustable Power Amplifier 20-2500MHz