

1-6GHz 50W CW Power Amplifier



➤ **Features**

- Class A solid state design
- P1dB≥20W
- Protected against over heat/ over current

➤ **Applications**

- Communication
- EMC

➤ **Electrical Specifications**

Parameter	Specification	Notes
Frequency	1-6GHz	
Psat	50W Min	
P1dB	20 W Min	
Gain	47dB Min	
Gain Flatness	±4dB	
Input VSWR	2:1 Max	50Ω
Harmonics	-15dBc Typ.	
Spurious	-60dBc Max	
Power Supply	28V	
Power Consumption	300W Max	
Input Power	≤5dBm	

➤ **Environmental Characteristics**

Parameter	Specification	Notes
Operation Temperature	-10 - +40 °C	
Storage Temperature	-20 - +75 °C	
Relative Humidity	5 - 95%	

➤ **Other Specifications**

Parameter	Specification	Notes
Dimensions	228.3x150x25mm	
In/Out Connector	SMA-F/SMA-F	
Weight	2kg Max	
Cooling	Fan Cooling	
Control interface	-	

➤ **Outline Drawing**

Just for Reference

