

20-500MHz 100W CW Power Amplifier

➤ **Features**

- Class AB solid state design
- Protected against over heat/ over current
- High reliability and ruggedness

➤ **Applications**

- Communication
- EMC

➤ **Electrical Specifications**

Parameter	Specification	Notes
Frequency	20-500MHz	
Pout	100W Min.	
Gain	50dB Min.	
Gain Flatness	± 3dB	
Input VSWR	2:1 Max	50Ω
Output VSWR	2:1 Max	50Ω
Harmonics	-12dBc Typ.	
Spurious	-60dBc Max.	
Power Supply	50V	
Power Consumption	550WMax.	At rated output
Input Power	5dBm Max.	

➤ **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	220x120x30mm	
In/Out Connector	SMA-F/N-F	
Weight	2kg Max	
Cooling	Forced Air	
Control interface	-	



➤ **Outline Drawing**

Just for Reference

