

Product Features

- High power RF amplifier
- Solid State power amplifier
- High linearity and high efficiency
- 50 ohms input / output impedance

Application

- Broadband jamming system



Electrical Specification

Parameter	Specification	Remark
Frequency Range	20MHz~512MHz	
Output Power	100W	CW
Gain	55dB±2.5dB	
Gain Flatness	±2.5dB	max
Input VSWR	1.5:1 max.	
DC IN	+28V	
DC Current Consumption	10A Typical.	@Po=100W
Enable	TTL Low Active	
Output Detect	+2.60V @Po=+50dBm	

Environmental Specification

Parameter	Specification	Remark
Operating Temperature	-20°C~+60°C	
Storage Temperature	-30°C~+80°C	
Relative Humidity	0%~90%	Non-condensing

Mechanical Specification

Physical Dimension : 165mm X 170mm X 35mm



Pin Assignment

I/O Interface (D-Sub 9Pin Male)	1. Enable/Disable	Enable=TTL Low
	2. Current Monitor	
	3. Current Alarm	
	4. Temp. Monitor	
	5. Temp. Alarm	
	6. VSWR Alarm	
	7. POWER Monitor	+2.65V @Po=+50dBm
	8. OVER Power Alarm	
	9. GND	
Power (3W3P Connector Male)	1. VCC	+28V DC
	2. GND	
	3. NC	
RF Connector	1. RF INPUT	SMA Female
	2. RF OUTPUT	N Female



Electrical Test Data

Gain & VSWR





Outline Drawing

