

Wideband RF Power Amplifier <b>CRF-PA-6000M8000M-200W</b>	Frequency Range 6,000 – 8,000 MHz	Connector N-Female
	Rated Output Power 200 W	Package Size 500*360*110mm

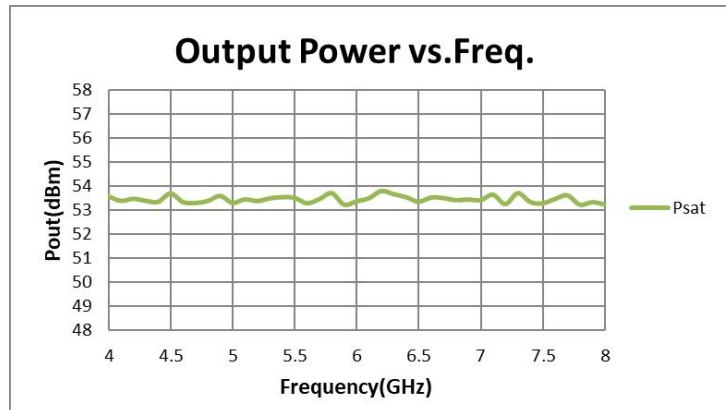
## Electrical Characteristics

Test conditions: 50Ω system, unless otherwise specified.

Parameter	Min	Typ	Max	Units
Frequency Range		6,000 – 8,000 MHz		
Gain	53			dB
Gain Flatness	-4		4	dB
Input VSWR			2 : 1	
Input Power			0	dBm
Rated Output Power	200			W
Power Supply		28 VDC		
Harmonics			-10	dBc
Spurious			-60	dBc
RF Connectors In/Out		Input: N-Female Output: N-Female		
Control Interface		RS485		
Dimensions		500*360*110		mm
Test conditions		50		Ω
Operating Temperature	0		50	°C
Cooling Method		Air cooling		
Noise Floor			-38	dBm/MHz
Application		Test & measurement / communication / interference / aviation control		
Notes		Built-in protection: over- voltage, over- temperature, over-drive and VSWR. Control: RS485.		

## Appearance and Typical Performance

Front panel layout and typical saturated output power (Psat) characteristics.



<b>Model</b> CRF-PA-6000M8000M-200W	<b>Package Size</b> 500*360*110mm	<b>Gain</b> 53dB
<b>Connector Reference</b> RF IN: N-Female RF OUT: N-Female Control: RS485	<b>Power / Cooling</b> Supply: 28 VDC Cooling: Air cooling	<b>Release Note</b> Mechanical drawing is provided for installation reference. Final dimensions are subject to the production unit.

<b>Applications</b> Test & measurement / communication / interference / aviation control	<b>Customization</b> Optional forward/reverse power monitoring, input power detection and GPIB control interface are available.
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### Compliance / Quality Framework

RoHS Compliant	CE / FCC	ISO 9001	GJB 9001C
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Test data and pattern files can be supplied for project review where applicable.

## Mechanical Outline

Complete outline drawing shown below for clear integration reference.

