

Wideband RF Power Amplifier <b>CRF-PA-4000M8000M-250W</b>	Frequency Range 4,000 – 8,000 MHz  Rated Output Power 250 W	Connector Input: N-Female Output: 7/16  Package Size 19", 4U
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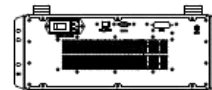
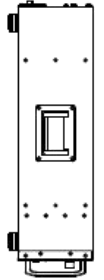
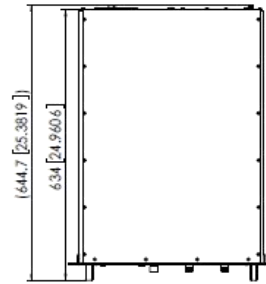
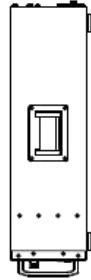
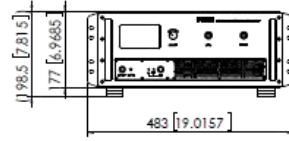
## Electrical Characteristics

Test conditions: 50Ω system, unless otherwise specified.

Parameter	Min	Typ	Max	Units
Frequency Range		4,000 – 8,000 MHz		
Gain	57			dB
Gain Flatness	-4		4	dB
Input VSWR			2 : 1	
Input Power			0	dBm
Rated Output Power	250			W
Power Supply		AC 220 V ±10%, 50/60 Hz		
Harmonics			-15	dBc
Spurious			-60	dBc
RF Connectors In/Out		Input: N-Female Output: 7/16		
Control Interface		RS485 / LAN		
Dimensions		4U		
Test conditions		50		Ω
Operating Temperature	0		50	°C
Cooling Method		Forced air cooling		
Application		Test & measurement / communication / interference / aviation control		
Notes		Built-in protection: over-voltage, over- temperature, over- drive and VSWR. Control: RS485 / LAN.		

## Mechanical Outline

Complete outline drawing shown below for clear integration reference.



<b>Model</b> CRF-PA-4000M8000M-250W	<b>Package Size</b> 4U	<b>Gain</b> 57dB
<b>Connector Reference</b> RF IN: N-Female RF OUT: 7/16 Control: RS485 / LAN	<b>Power / Cooling</b> Supply: AC 220 V $\pm$ 10%, 50/60 Hz Cooling: Forced 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, GPIB control interface and LAN master 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.