



Wideband Solid State Power Amplifier 26.5 – 40GHz 50W CW



Description

RF-Lambda's power amplifier is adopting complete solid state solution, featuring with high reliability, friendly interactive user interface, it has been widely used in various applications including wireless telecommunication medical, EMC etc.

- Excellent design, efficient cooling
- Standardized enclosure, easy for cabinet install
- Various protections, high reliability

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Electrical Specifications

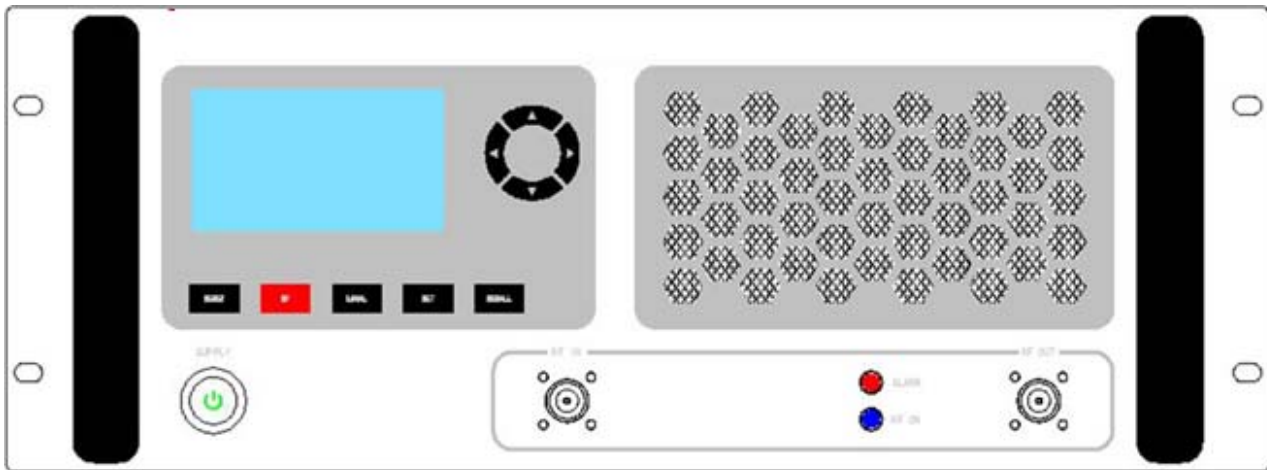
Parameter	Min.	Typ.	Max.	Units
Frequency Range	26.5		40	GHz
Gain	42			dB
Gain Flatness			±7	dB
2 nd Harmonic Wave			-20	dBc
Out-band Spurious		-50		dBc
Input Power (CW)			5	dBm
Output Power (CW)		50		W
Voltage	AC 110V or 220V±10% , 50/60Hz			
Fwd-Rev Coupling	-			
Protection	Over-VSWR		3	:1
	Over-heat		70	°C
	Over-drive	-		
Operational Temperature	0°C ~ +40°C			
Size (L*W*H)	448mm×600mm×177mm			
Enclosure Surface Finish	Spray paint, sand blast			
Rear panel	Input Interface	2.92-F Type		
	Output Interface	WR-28 Type		
	Fwd-Rev Coupling Interface	2.92-F Type		
	Power Supply Interface	Single phase (3 cords)		
Cooling Unit	Forced Air Cooling			
Controlling Interface	GPIB, LAN			



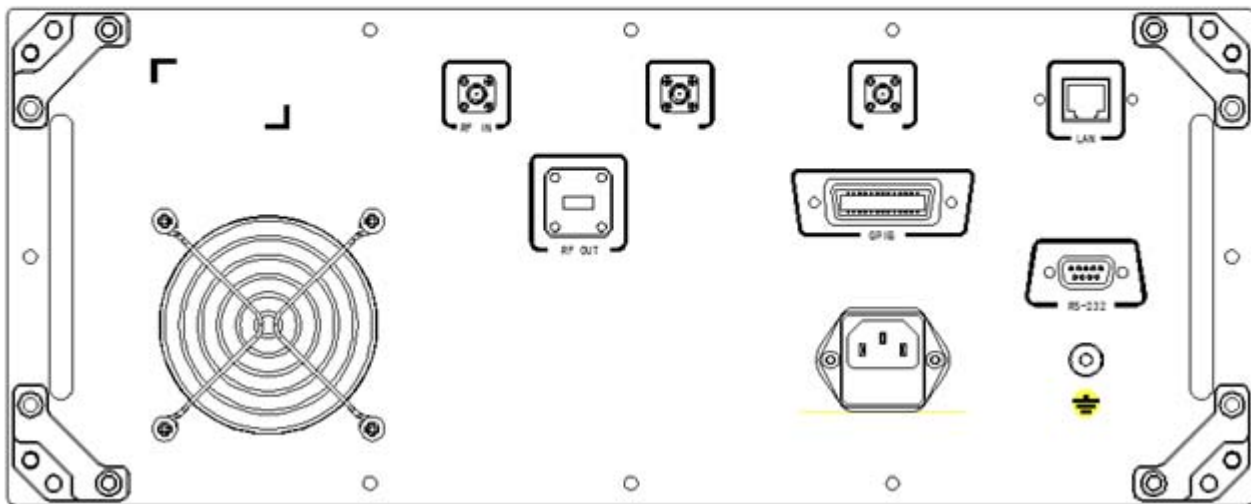
Product Exterior Structure

Remark: below drawing for reference only, subject to final drawing

Front panel



Rear panel



Important Notice

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