RF-LAMBDA
LEADER OF RF BROADBAND SOLUTIONS

RAMP18G26GN

Wideband Solid State Power Amplifier
18 – 26.5GHz 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

Electrical Specifications

Parameter		Min.	Typ.	Max.	Units
Frequency Range		18		26.5	GHz
Gain		42			dB
Gain Flatness				±7	dB
2nd 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	℃
	Over-drive	-			
Operational Temperature		0℃ ~ +40℃			
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-42 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			

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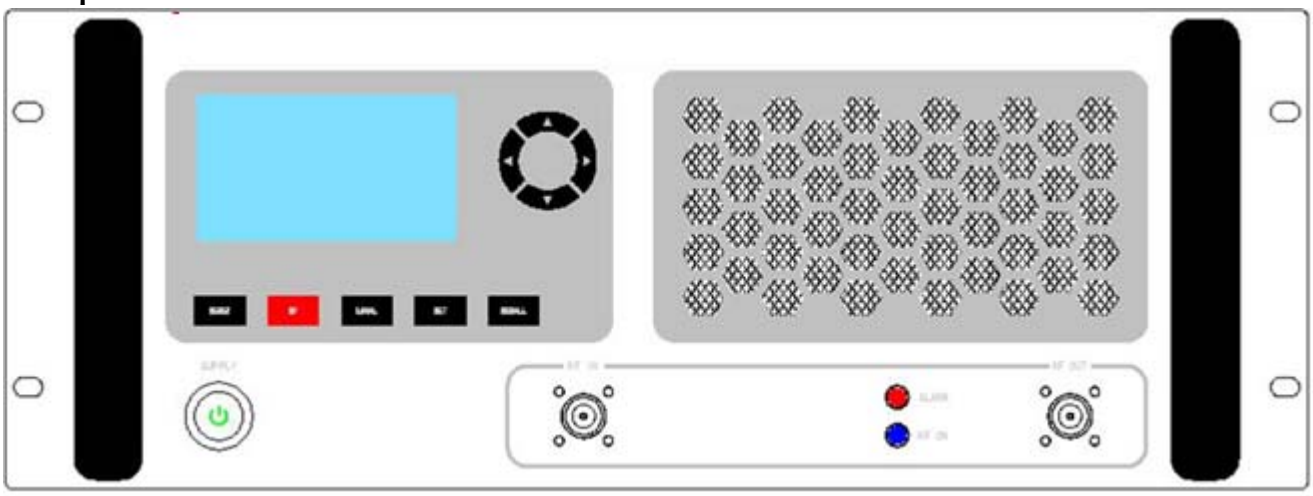
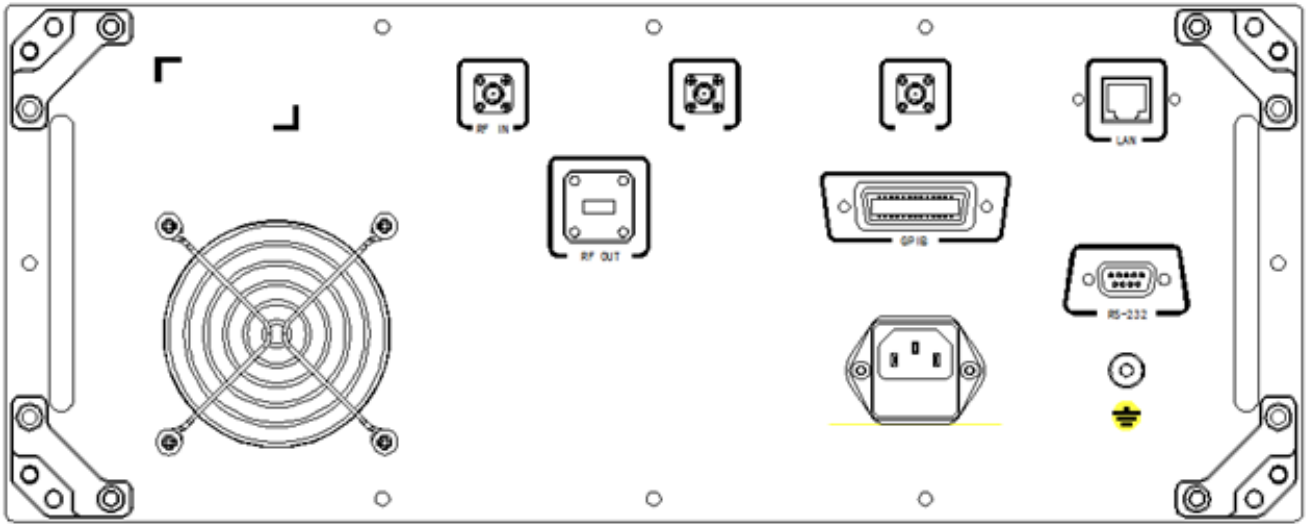
Product Exterior Structure

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

Front panel



Rear panel



Important Notice