



RF-LAMBDA

The power beyond expectations

RFLNPA20G40GA

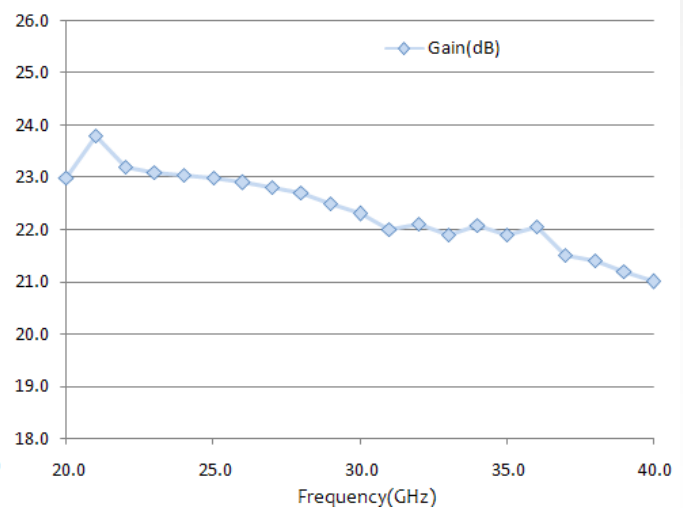
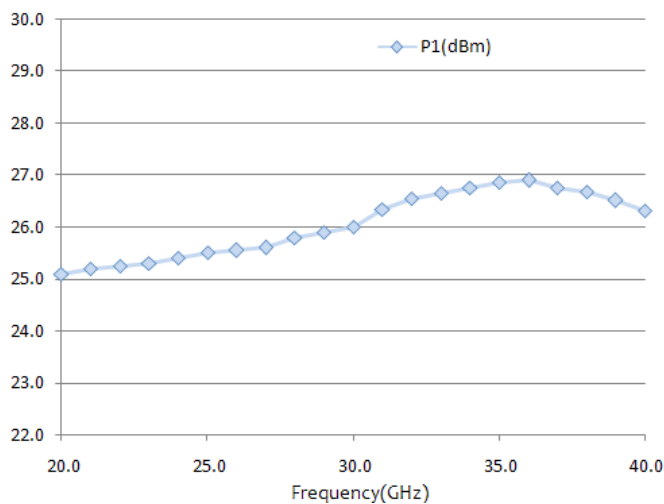
Wide Band Power Amplifier 20GHz~40GHz

- High Gain 22dB
- Applicable for base station, repeaters of cellular network
- Aerospace and military application
- LMDS multi-carrier operation
- High Peak to average handle capability
- High Linearity and low noise figure
- All specifications can be modified upon request



Electrical Specifications			
Frequency Range:	20GHz~40GHz	P1dB	+26dBm typ.
Noise Figure:	7.0dB typ. 9.0dB Max	Out IP3:	+34dBm
Gain:	22dB typ.	Output VSWR:	2.0 : 1
Flatness:	+/-2.0dB	Input VSWR:	2.0 : 1
Input Power	+4dBm (Max)	DC Voltage:	+12V/+15V VDC /9A max
Mechanical and Environmental Specifications			
Operation Temperature:	-40°C to 85°C base plate	Mechanical shock	30G, 11mSec half sin wave, 3 axis both directions
Vibration:	14.2g RMS (15-2000Hz) functional	Humidity	95% relative humidity, 65°C 96Hour
	16.2g RMS (15-2000Hz) endurance, 1 hour per axis	MTBF	50000 hour min
Connectors:	2.92mm (K)	Case:	Conductive no paint
	Supply RFI filter solder Pin	Dimension Size (L x W x H):	2.17"×1.50"×0.59" (55×38×15)

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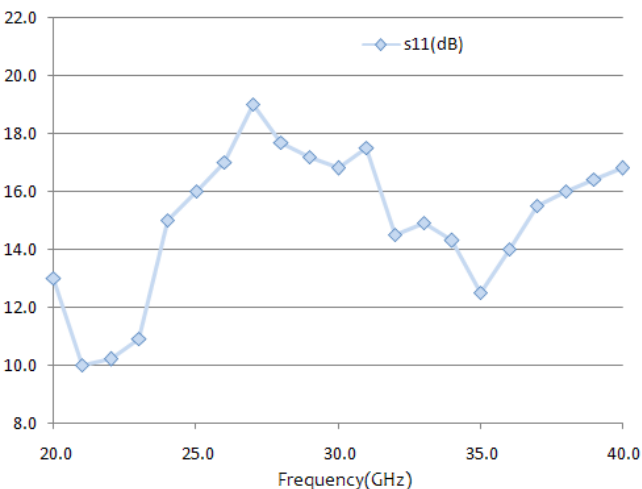
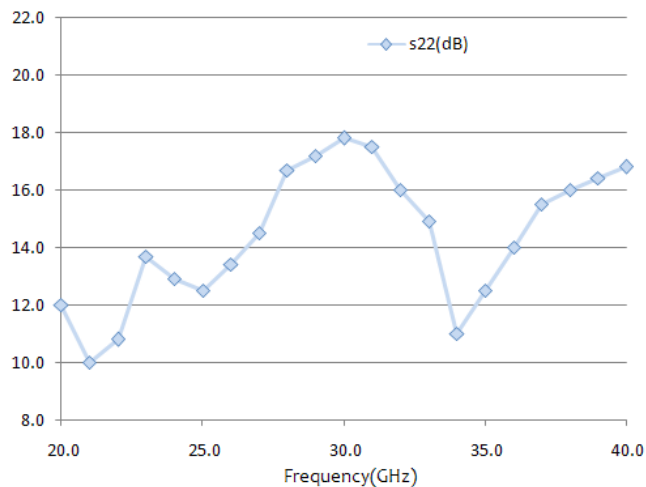




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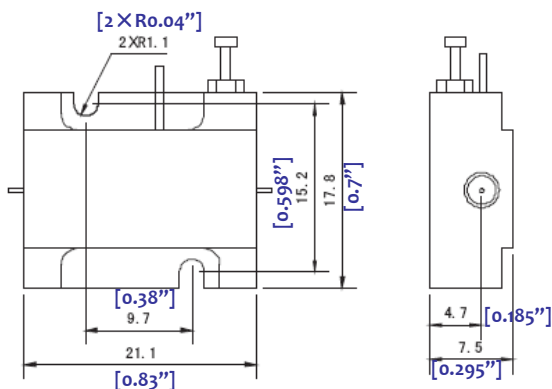
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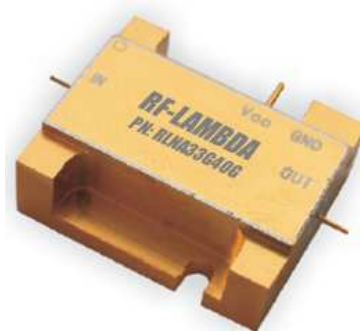


AC model: 110VAC or 220VAC

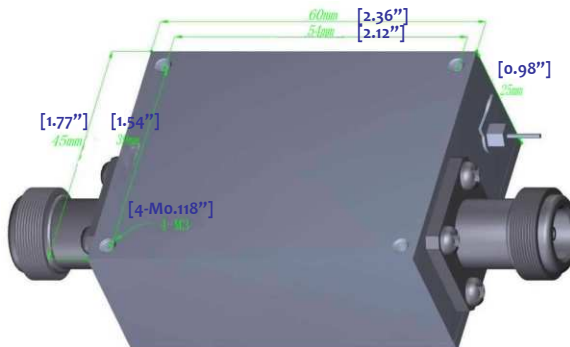
Heat Sink required during operation.



Drop-in model



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