



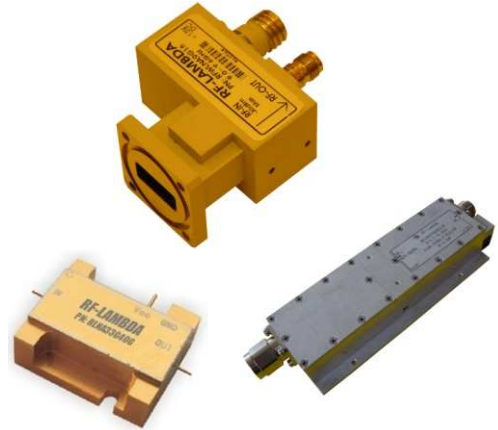
RF-LAMBDA

The power beyond expectations

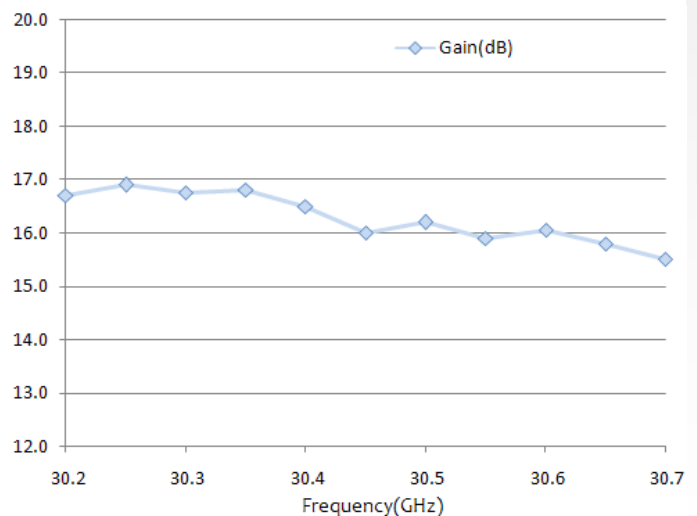
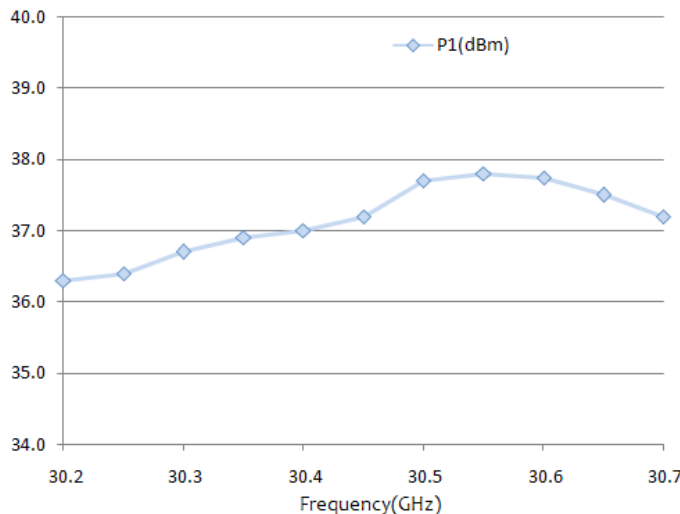
RFLNPA30G30GB

Wide Band Power Amplifier 30.2GHz~30.7GHz

- High Gain 16dB
- 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:	30.2GHz~30.7GHz	P1dB	+37dBm typ.
Noise Figure:	7.0dB typ. 9.0dB Max	Out IP3:	+41dBm
Gain:	16dB typ.	Output VSWR:	2.0 : 1
Flatness:	+/-1.0dB	Input VSWR:	2.0 : 1
Input Power	+21dBm (Max)	DC Voltage:	+12V/+15V VDC /7A 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) or WR28	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)



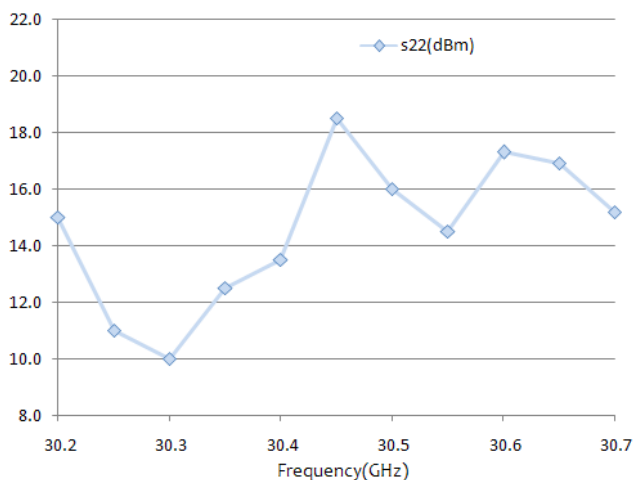
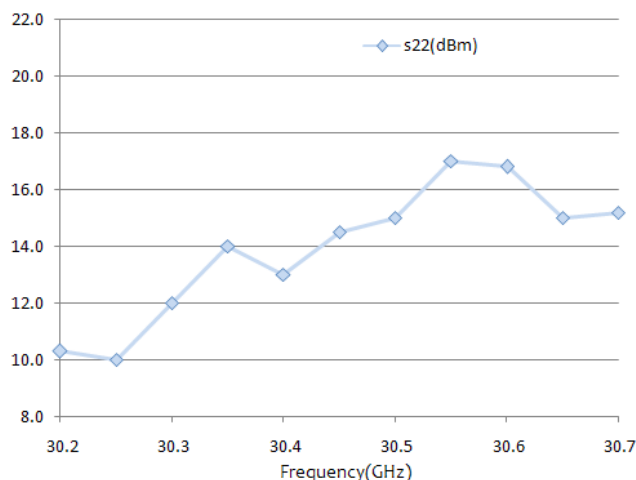
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RF-LAMBDA

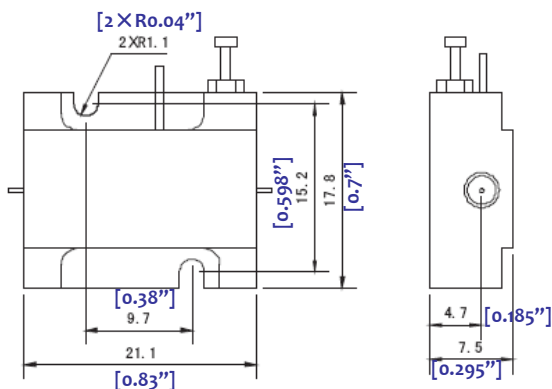
The power beyond expectations

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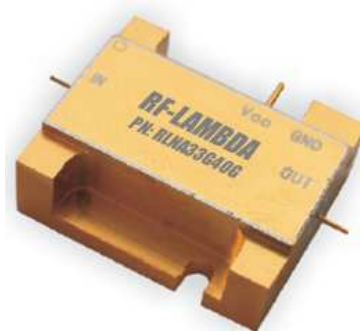


AC model: 110VAC or 220VAC

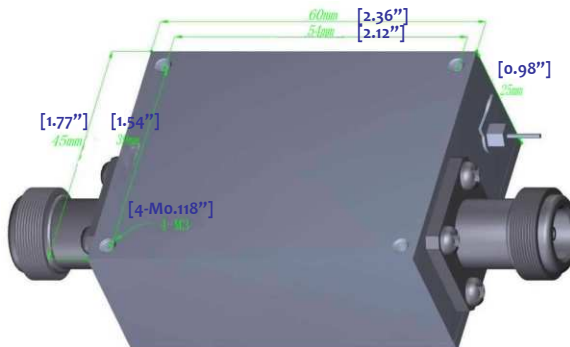
Heat Sink required during operation.



Drop-in model



Drop-in model



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