



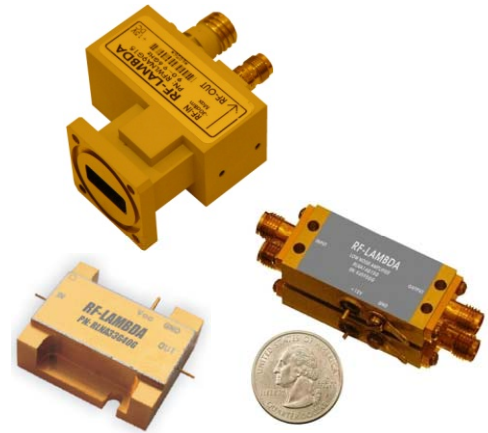
RF-LAMBDA

The power beyond expectations

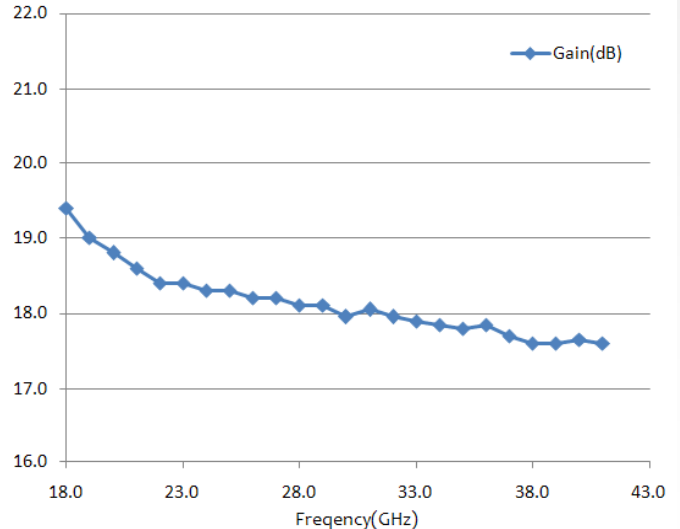
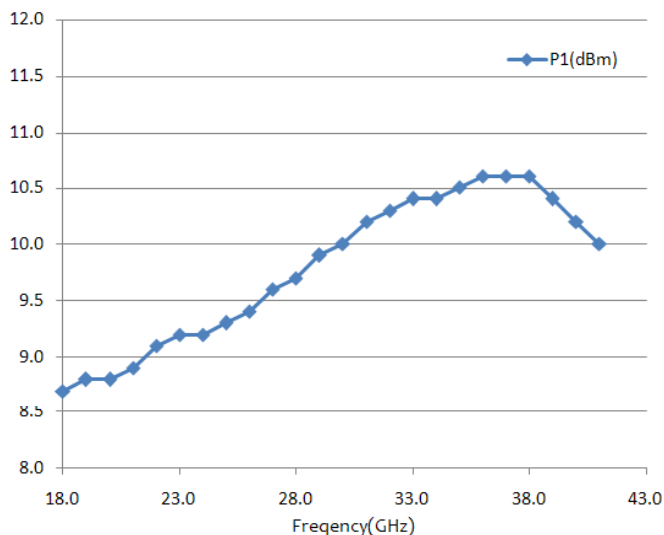
RLNA18G41GA

Low Noise Amplifier 18GHz~41GHz

- High Gain 18dB
- 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:	18GHz~41GHz	P1dB	+10dBm typ.
Noise Figure:	6.0dB	Out IP3:	+18dBm
Gain:	18dB typ.	Output VSWR:	3.0 : 1
Flatness:	+/-3.0dB	Input VSWR:	3.0 : 1
Input Power	-8dBm (Max)	DC Voltage:	+12V VDC /400mA 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):	0.79"×0.59"×0.39" (20×15×10)



Wide Band Low Noise Amplifier 18GHz~41GHz

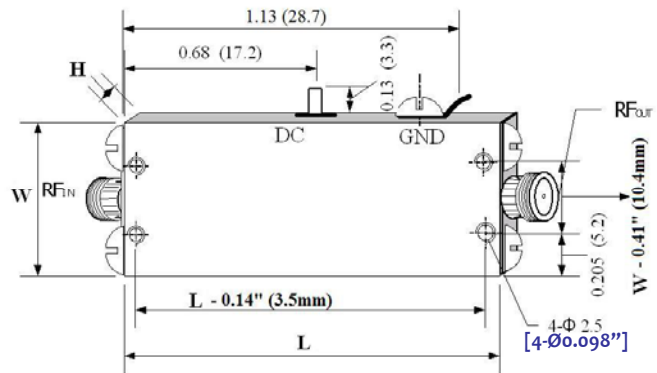
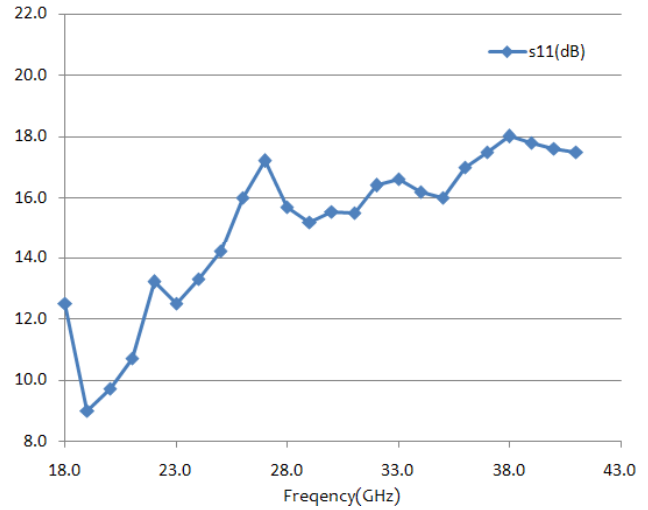
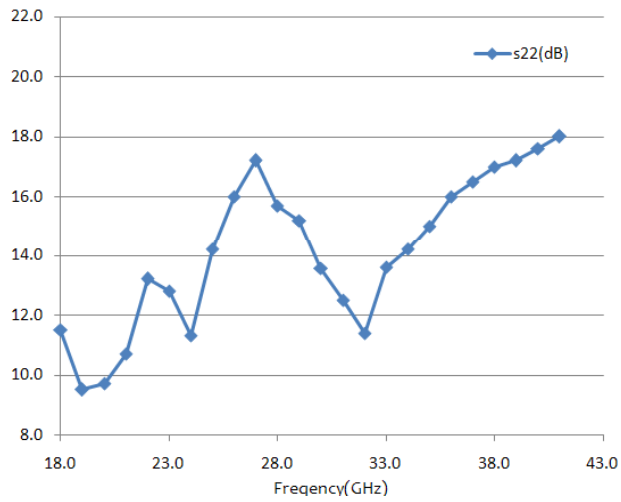


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Heat Sink required during operation.

