

NLA-8000-12000-32-15

8~12GHz, 32dB, 1.5dB

Features:
 * Broad Band
 * Low Noise

Applications:
 * Wireless
 * Receiver
 * Laboratory Test
 * Radar

Electrical

Frequency:	8~12GHz
Gain:	32dB min.
Gain Flatness:	±1.5dB max.
Output Power (P1dB):	15dBm min.
Noise Figure:	1.5dB max.
VSWR:	2 max.
Voltage:	+12V typ.
Current:	120mA typ.
Impedance:	50Ω

Mechanical

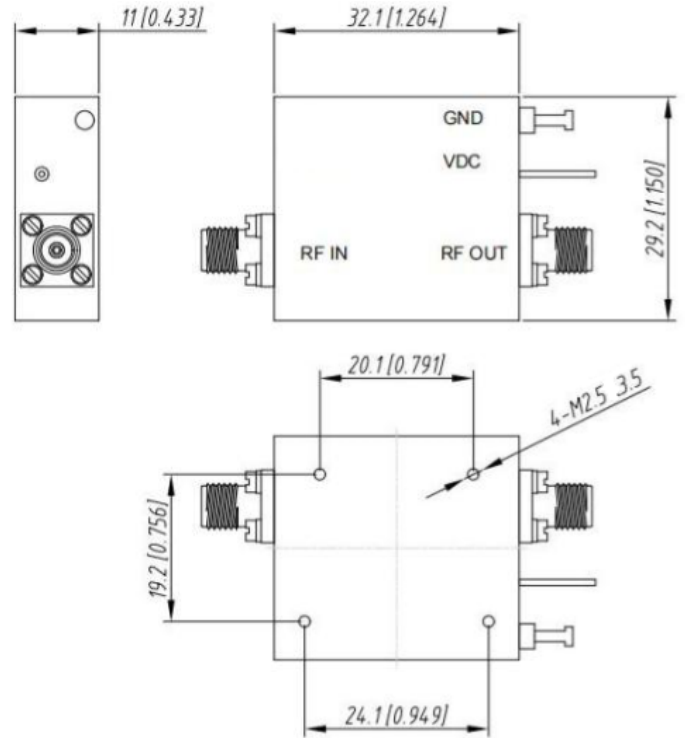
Size ^{*1} :	32.1*29.2*11mm 1.264*1.15*0.433in
RF Connectors:	SMA Female
Power Supply Connectors:	Feed Through/Terminal Post

[1] Exclude connectors.

Environmental

Operating Temperature:	-45~+85°C
Non-Operating Temperature:	-55~+125°C

Outline Drawings



Unit: mm [in]
 Tolerance: ±0.2mm [±0.008in]

How To Order

[NLA-8000-12000-32-15](#)

Customization is available upon request.

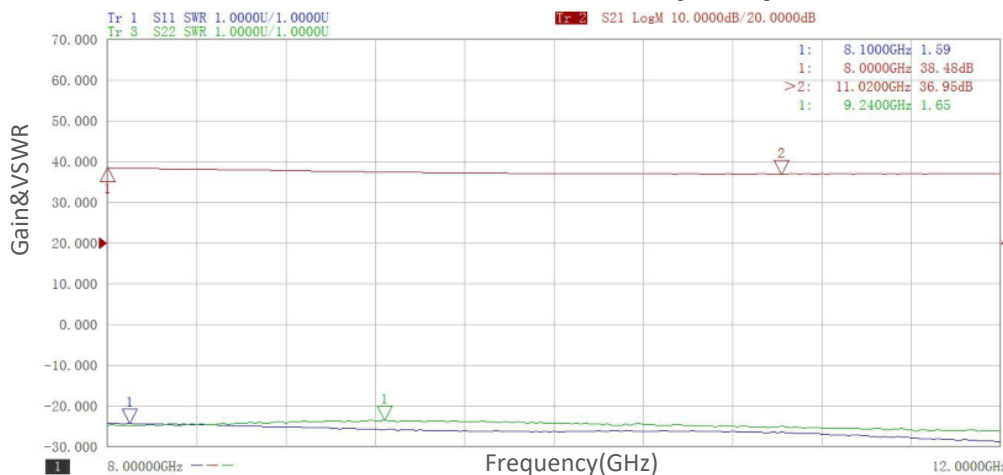
Heat Sink Required During Operation

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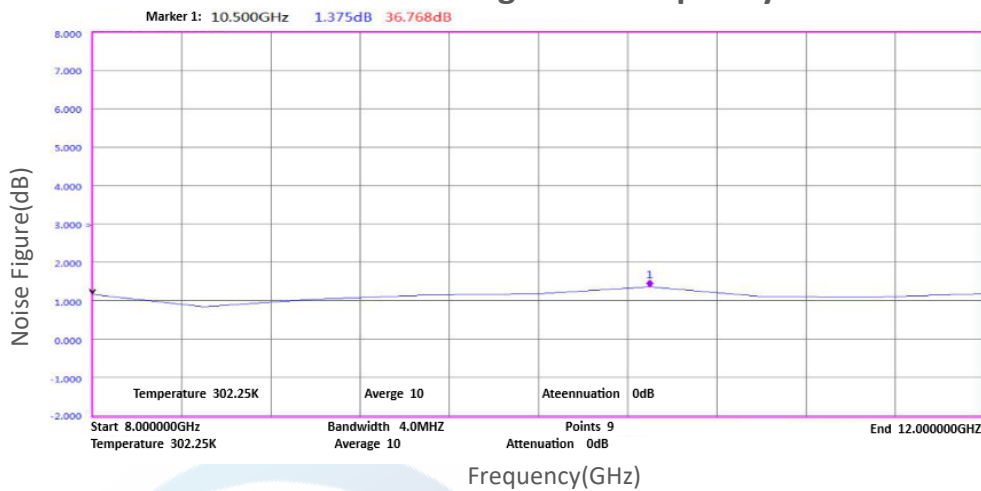
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Typical Performance Data:

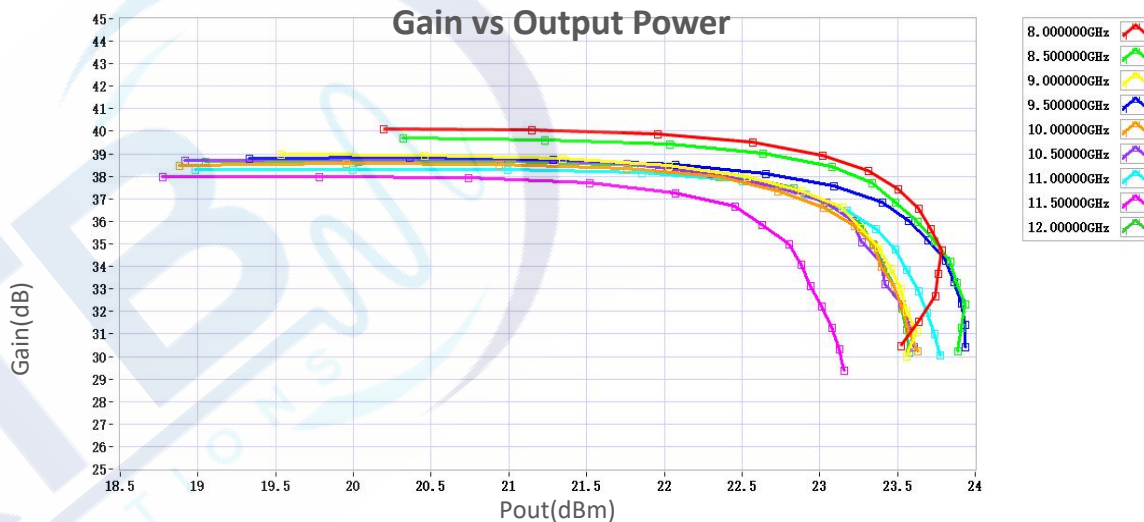
Gain&VSWR vs Frequency



Noise Figure vs Frequency



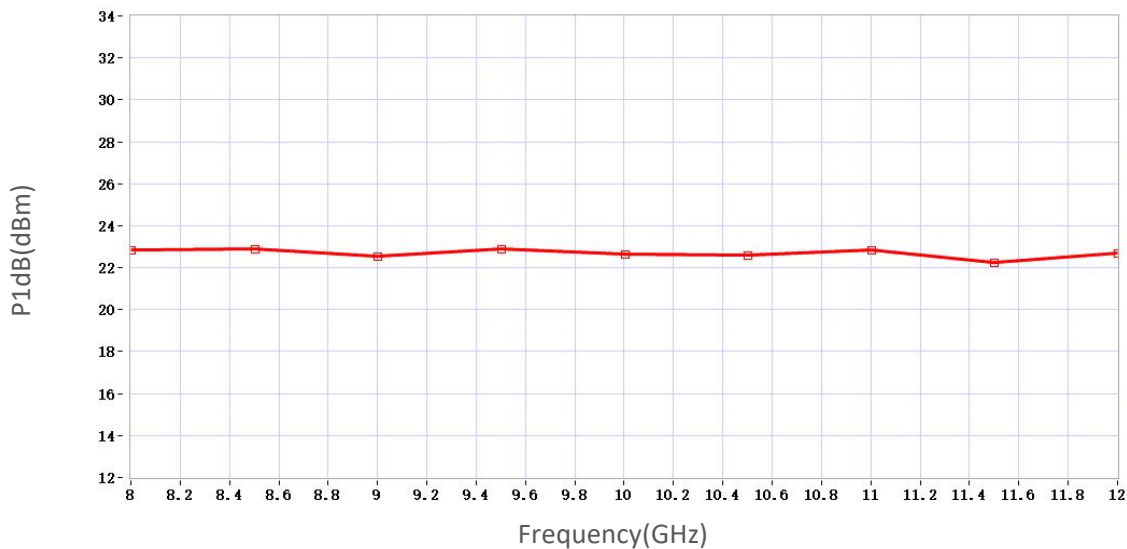
Gain vs Output Power



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P1dB vs Frequency



P3dB vs Frequency

