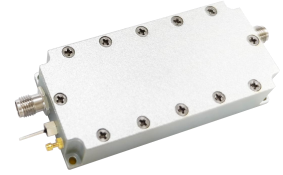


## NLA-30-1000-55-13

0.03~1GHz, 55dB, 1.3dB

Features:  
 \* Broad Band  
 \* Low Noise

Applications:  
 \* Wireless  
 \* Receiver  
 \* Laboratory Test  
 \* Radar



### Electrical

Frequency:	0.03~1GHz
Gain:	55dB min.
Gain Flatness:	±3dB typ.
Output Power (P1dB):	+25dBm typ.
Noise Figure:	1.3dB typ.
VSWR:	1.8 typ.
Voltage:	+5V DC
Current:	400mA typ.
Impedance:	50Ω

### Absolute Maximum Ratings\*1

RF Input Power:	-33dBm
Voltage:	+6V

[1] Permanent damage may occur if any of these limits are exceeded.

### Mechanical

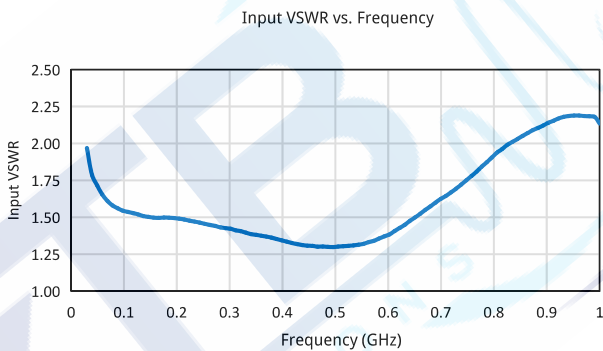
Size*2:	68*32*15mm 2.677*1.102*0.591in
RF Connectors:	SMA Female
Mounting:	4-Φ2.2mm through-hole

[2] Exclude connectors.

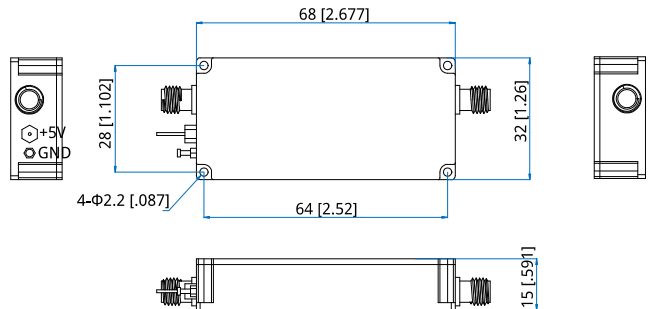
### Environmental

Operating Temperature:	-40~+70°C
Non-operating Temperature:	-55~+100°C

### Typical Performance Curves



### Outline Drawings

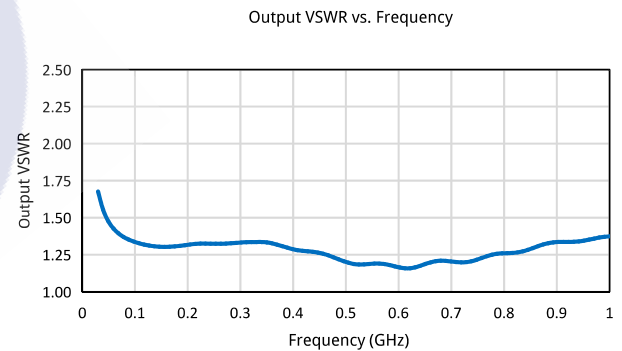


Unit: mm [in]  
 Tolerance: ±0.5mm [±0.02in]

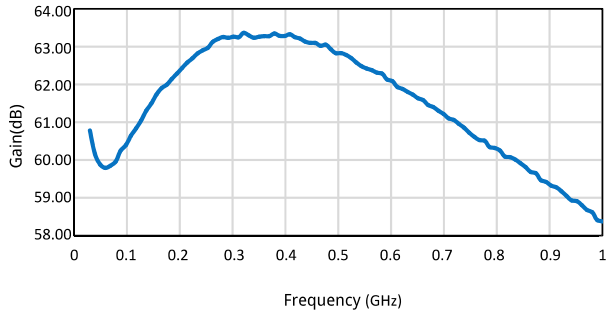
### How To Order

**NLA-30-1000-55-13**

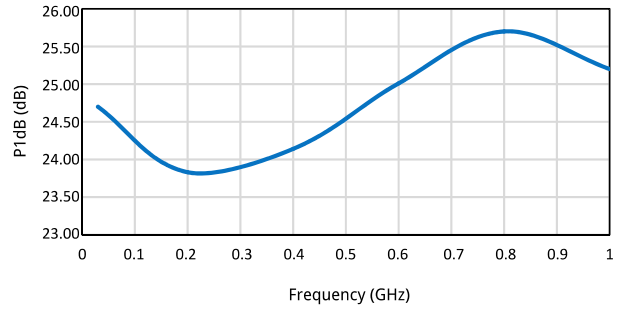
Customization is available upon request.



Gain vs. Frequency



P1dB vs. Frequency



Noise Figure vs. Frequency

