

**NLA-1000-6000-15-20**  
1000~6000MHz, 15dB, 2dB

- |                         |                   |
|-------------------------|-------------------|
| Features:               | Applications:     |
| * Small Size            | * Wireless        |
| * Low Power Consumption | * Transmitter     |
|                         | * Laboratory Test |

**Electrical**

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Frequency:	1000~6000MHz
Power Gain:	15dB typ.
Gain Flatness:	±4.5dB typ.
Noise Figure:	2dB typ.
Output Power (P1dB):	12dBm typ.
Spurious:	-60dBc typ. @12dBm
2 <sup>th</sup> Harmonic:	-15dBc typ.
Input VSWR:	1.45 typ.
Output VSWR:	2 typ.
Voltage:	+5V DC
Impedance:	50Ω
Input Power:	0dBm max.

**Mechanical**

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Size*1:	50*30*20mm 1.969*1.181*0.787in
RF Connectors:	SMA female
Power Supply Connectors:	Feed Through/Terminal Post

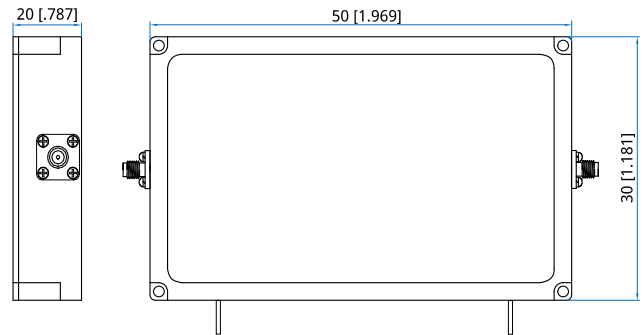
[1] Exclude connectors.

**Environmental**

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Operating Temperature: -10~+50°C

**Outline Drawings**



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

**How To Order**

**NLA-1000-6000-15-20**

Customization is available upon request.

