

FLA-2-1200-30-10

2~1200MHz, 30dB, 1.0dB

Features:

- * Broad Band
- * Low Noise

Applications:

- * Wireless
- * Receiver
- * Laboratory Test
- * Radar



Electrical

Frequency:	2~1200MHz
Gain:	30dB min.
Gain Flatness:	±1.5dB typ.
Noise Figure:	1.0dB typ.
Output Power (P1dB):	15dBm typ.
VSWR:	2 typ.
Voltage:	+5V
Current:	100mA typ.
Impedance:	50Ω

Absolute Maximum Ratings^{*1}

RF Input Power:	+20dBm
Voltage:	+7V

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

Mechanical

Size^{*2}: 30*23*12mm
1.181*0.906*0.472in

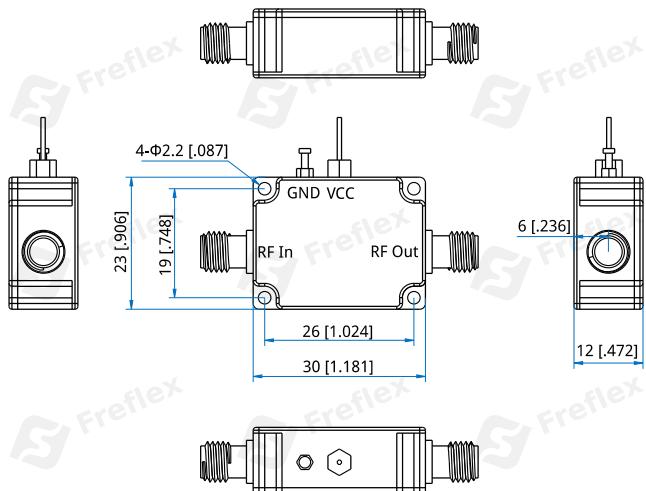
RF Connectors: SMA female
Power Supply Connectors: Feed Through/Terminal Post
Mounting: 4-Φ2.2mm through-hole

[2] Exclude connectors.

Environmental

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

Outline Drawings



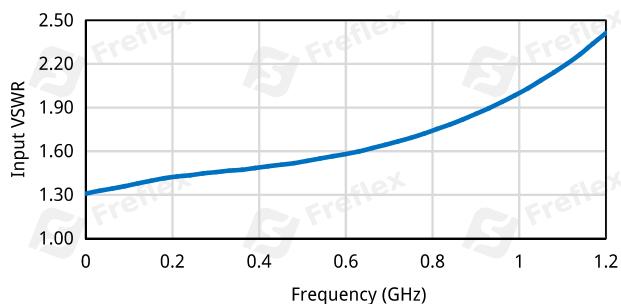
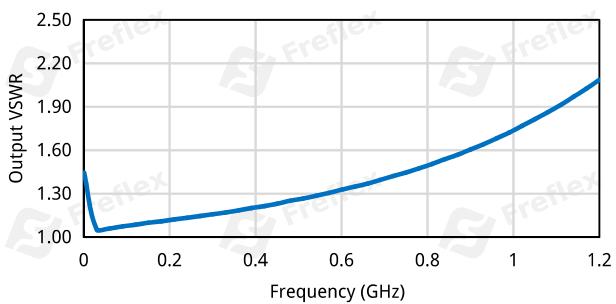
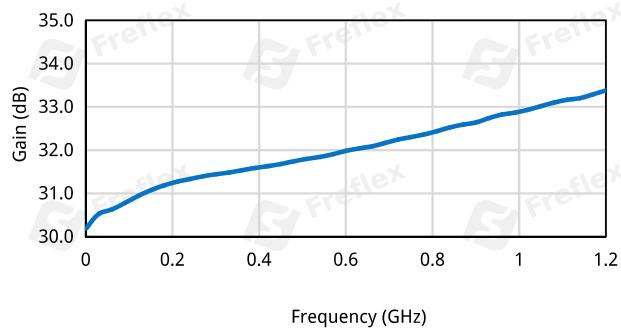
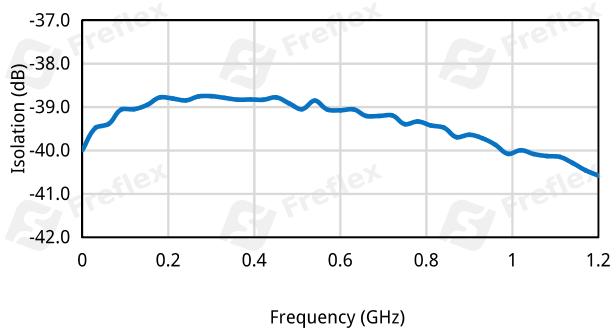
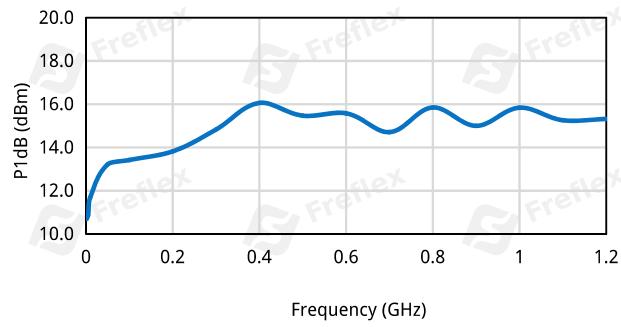
Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

How To Order

FLA-2-1200-30-10

Customization is available upon request.

Typical Performance Curves
Input VSWR vs. Frequency

Output VSWR vs. Frequency

Gain vs. Frequency

Isolation vs. Frequency

P1dB vs. Frequency

Noise Figure vs. Frequency
