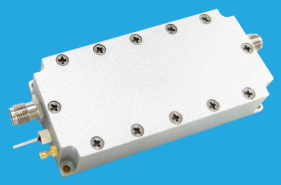
FLA-30-1000-55-13

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

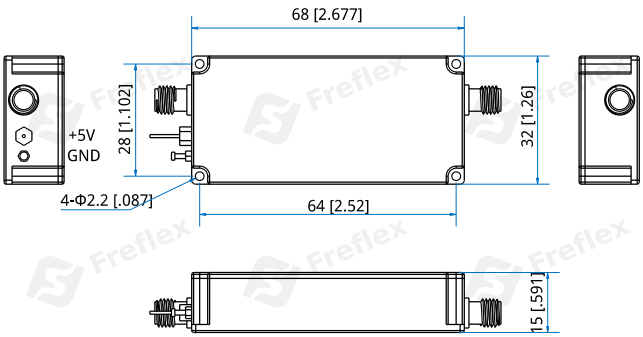
Size*2:	68*32*15mm
	2.677*1.102*0.591in
RF Connectors:	SMA Female
Mounting:	4-Φ2.2mm through-hole

[2] Exclude connectors.

Environmental

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

Outline Drawings



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

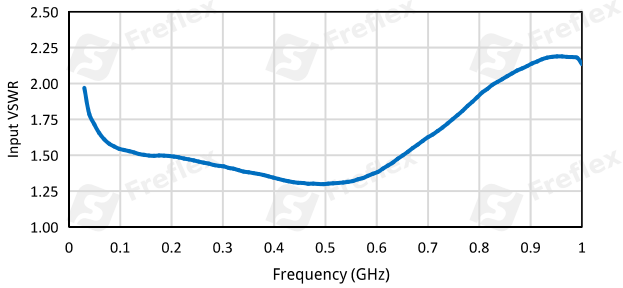
How To Order

FLA-30-1000-55-13

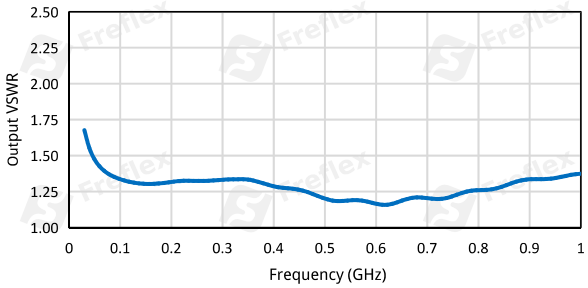
Customization is available upon request.

Typical Performance Curves

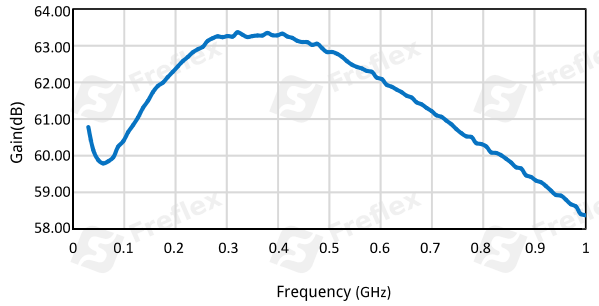
Input VSWR vs. Frequency



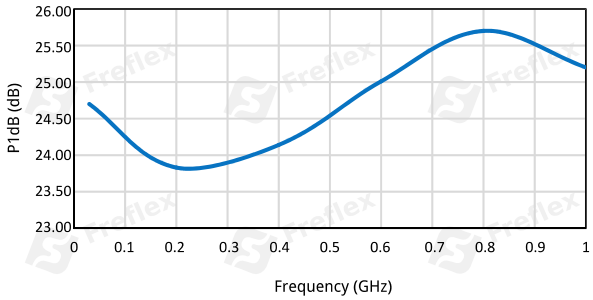
Output VSWR vs. Frequency



Gain vs. Frequency



P1dB vs. Frequency



Noise Figure vs. Frequency

