FLA-4000-8000-40-11

4~8GHz, 40dB, 1.1dB

Features:
* Broadband
* Low Noise

Applications:
* Wireless
* Receiver
* Laboratory Test
* Radar



Electrical

Frequency:	4~8GHz
Gain:	40dB min.
Gain Flatness:	±1dB typ.
Output Power (P1dB):	20dBm typ.
Noise Figure:	1.1dB typ.
Spurious:	-60dBc max.
Isolation:	60dB typ.
VSWR:	1.6 typ.
Voltage:	+5V DC (Outline A)
	+6~15V DC (Outline B)
Current:	200mA typ.
Impedance:	50Ω

Absolute Maximum Ratings*1

RF Input Power:	+20dBm
Voltage:	+7V (Outline A)
	+20V (Outline B)

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

Mechanical

RF Connectors:	SMA Female

How To Order

FLA-4000-8000-40-11 - Outline A

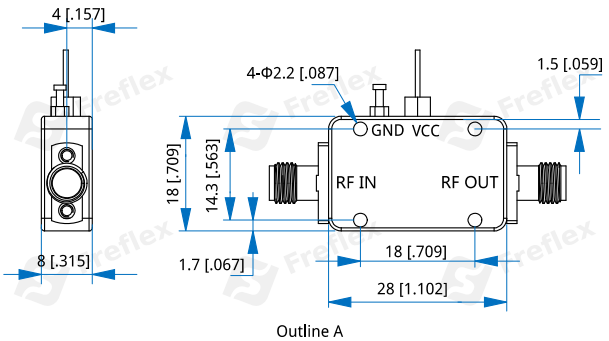
FLA-4000-8000-40-11-1 - Outline B

Customization is available upon request.

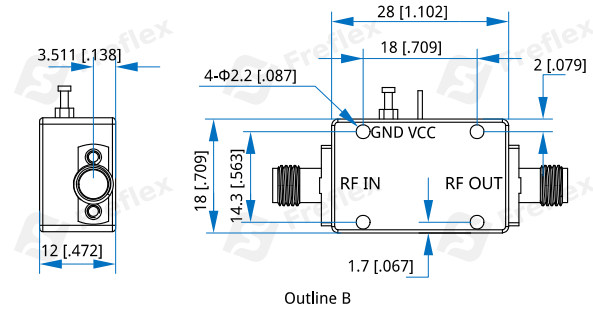
Environmental

Operating Temperature:	-20~+60℃
Non-operating Temperature:	-40~+85℃

Outline Drawings



Outline A



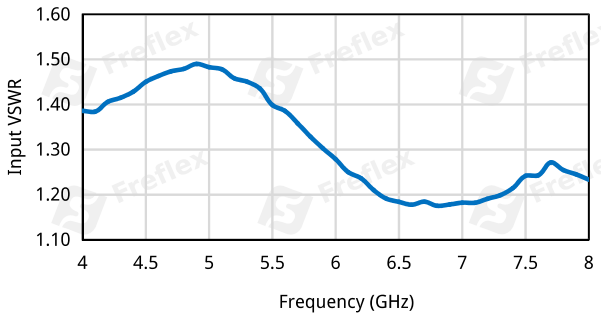
Outline B

Unit: mm [in]

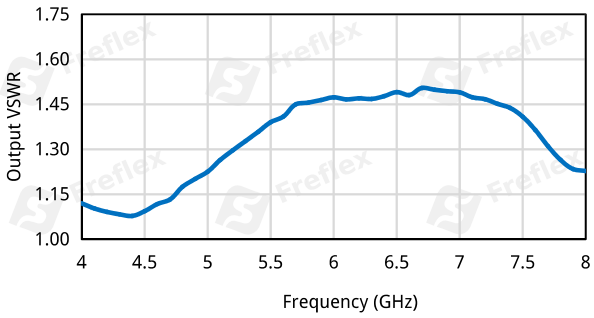
Tolerance: ±0.5mm [±0.02in]

Typical Performance Curves

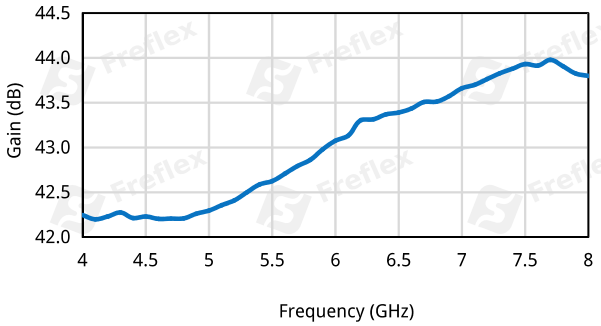
Input VSWR vs. Frequency



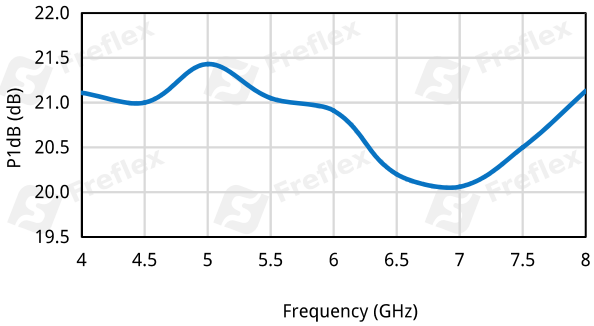
Output VSWR vs. Frequency



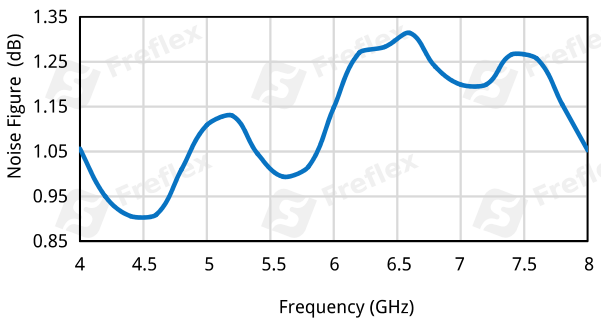
Gain vs. Frequency



P1dB vs. Frequency



Noise Figure vs. Frequency



Isolation vs. Frequency

