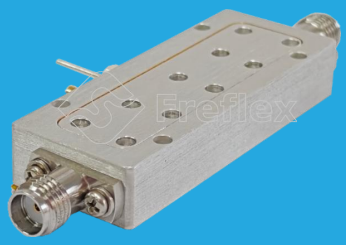
FLA-1000-18000-60-20

1~18GHz, 60dB, 2.0dB

Features:
* Broadband
* Low Noise

Applications:
* Wireless
* Receiver
* Laboratory Test
* Radar



Electrical

Frequency:	1~18GHz
Gain:	60dB typ.
Gain Flatness:	±3dB typ.
Output Power (P1dB):	17dBm typ.
Noise Figure:	2.0dB typ.
Spurious:	-60dBc max.
Reverse Isolation:	-60dB typ.
VSWR:	2 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.

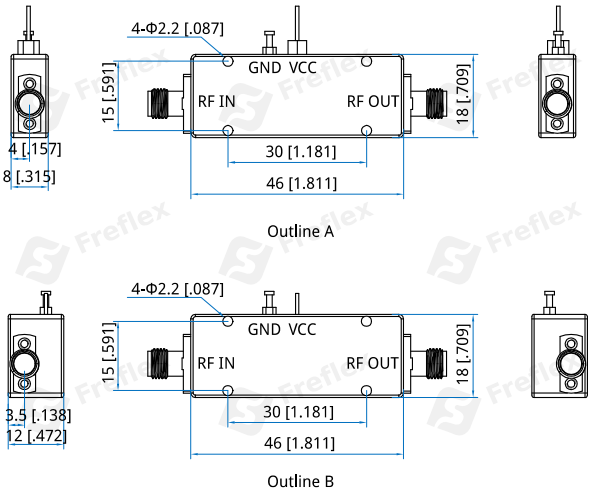
Mechanical

RF Connectors:	SMA Female (Removable)

Environmental

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

Outline Drawings



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

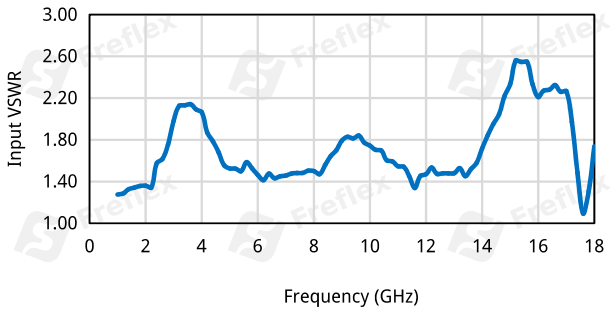
How To Order

FLA-1000-18000-60-20 - Outline A
FLA-1000-18000-60-20-1 - Outline B

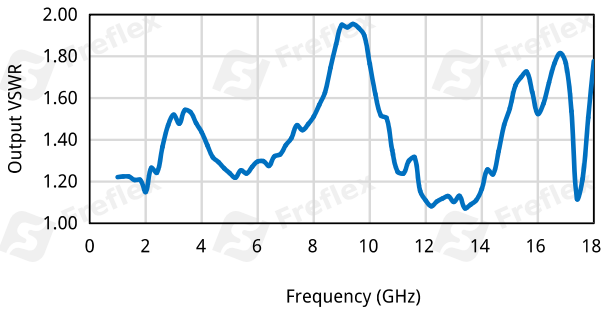
Customization is available upon request.

Typical Performance Curves

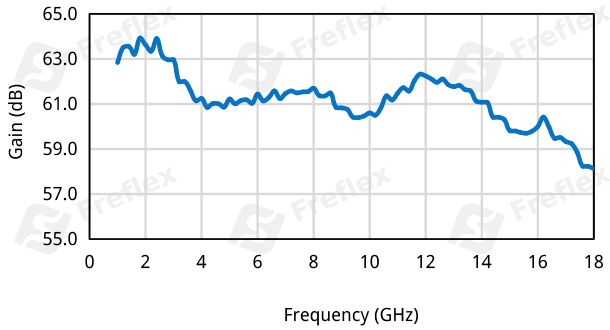
Input VSWR vs. Frequency



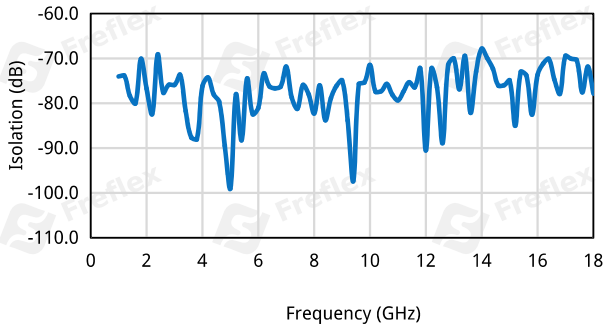
Output VSWR vs. Frequency



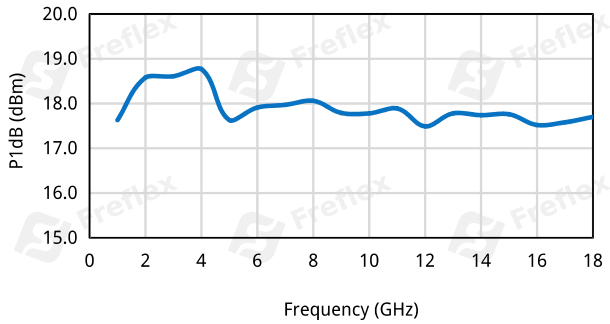
Gain vs. Frequency



Isolation vs. Frequency



P1dB vs. Frequency



Noise Figure vs. Frequency

