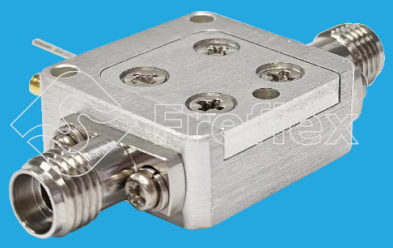
FLA-9K-20000-18-25

9KHz~20GHz, 18dB, 2.5dB

Features:
* Broadband
* Low Noise

Applications:
* Wireless
* Receiver
* Laboratory Test
* Radar



Electrical

Frequency:	9KHz~20GHz
Gain:	18dB typ.
Gain Flatness:	±1dB typ.
Output Power (P1dB):	12dBm typ. @+5V
	17dBm typ. @+8V
Noise Figure:	2.5dB typ.
Spurious:	-60dBc max.
VSWR:	1.8 typ.
Reverse Isolation:	-25dB typ.
Voltage:	+5V DC
Current:	100mA typ.
Impedance:	50Ω

Absolute Maximum Ratings*1

RF Input Power:	+15dBm
Voltage:	+9V

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

Mechanical

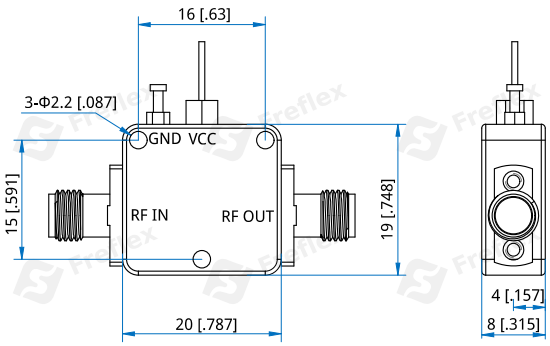
Size*2:	20*19*8mm
	0.787*0.748*0.315
RF Connectors:	SMA Female (Removable)
Mounting:	3-Φ2.2mm through-hole

[2] Exclude connectors.

Environmental

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

Outline Drawings



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

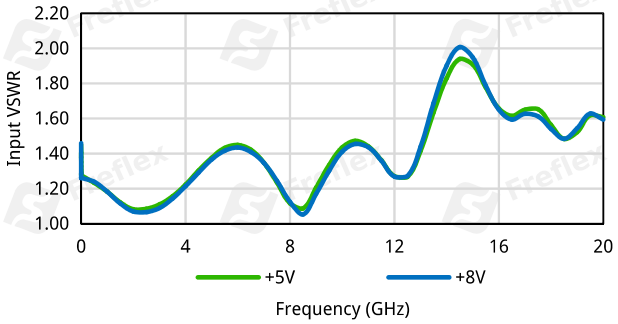
How To Order

FLA-9K-20000-18-25

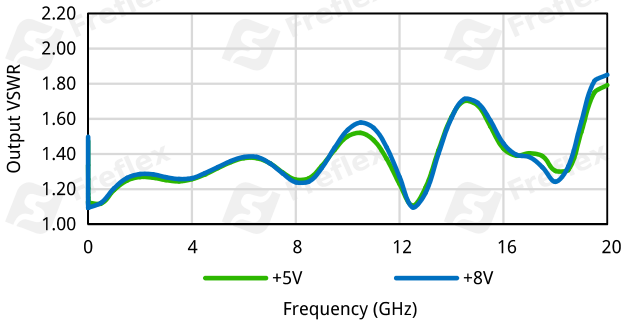
Customization is available upon request.

Typical Performance Curves

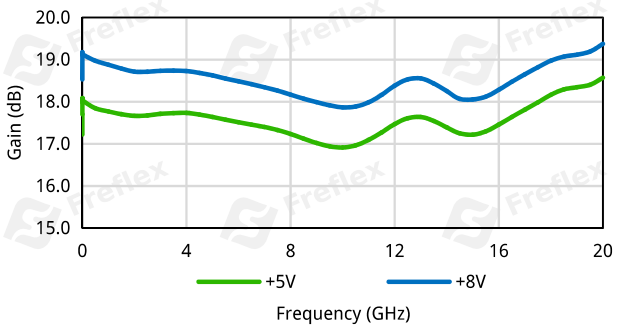
Input VSWR vs. Frequency



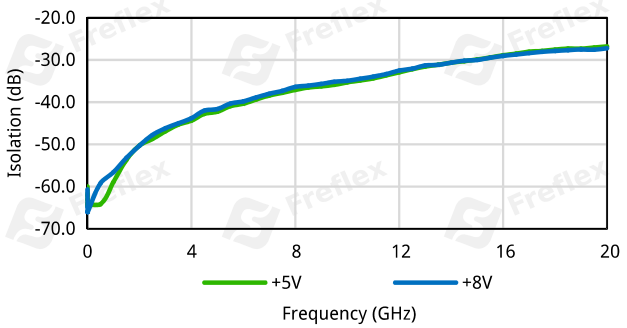
Output VSWR vs. Frequency



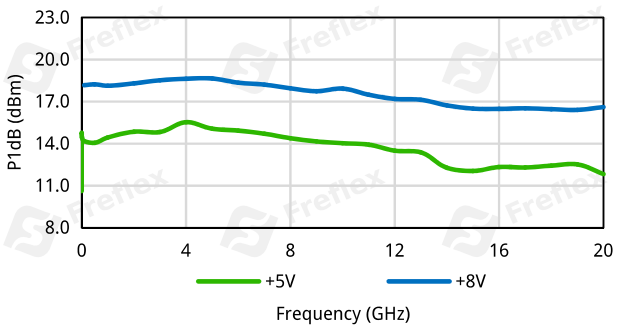
Gain vs. Frequency



Isolation vs. Frequency



P1dB vs. Frequency



Noise Figure vs. Frequency

