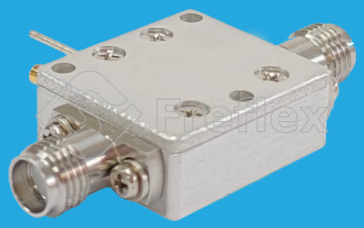
FLA-100-26500-12-30

0.1~26.5GHz, 12dB, 3dB

Features:
* Broad Band
* Low Noise

Applications:
* Wireless
* Receiver
* Laboratory Test
* Radar



Electrical

Frequency:	0.1~26.5GHz
Small Signal Gain:	12dB typ.
Gain Flatness:	±2.5dB typ.
Output Power (P1dB):	15dBm typ.
Noise Figure:	3dB typ.
Spurious:	-60dBc typ.
Reverse Isolation:	-20dB typ.
VSWR:	2 typ.
Voltage:	+8V DC typ.
Current:	100mA typ.
Impedance:	50Ω

Absolute Maximum Ratings*1

RF Input Power:	+20dBm
Voltage:	+10V

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

Mechanical

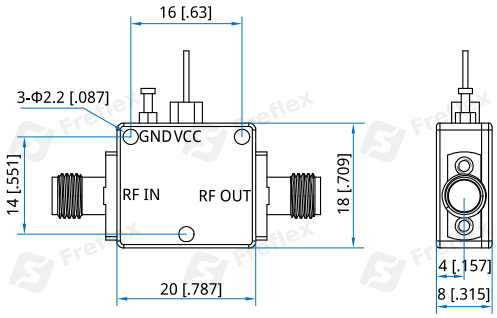
Size*2:	20*18*8mm
	0.787*0.709*0.315in
RF Connectors:	SMA Female (Removable)
Mounting:	3-Φ2.2mm through-hole

[2] Exclude connectors.

Environmental

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

Outline Drawings



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

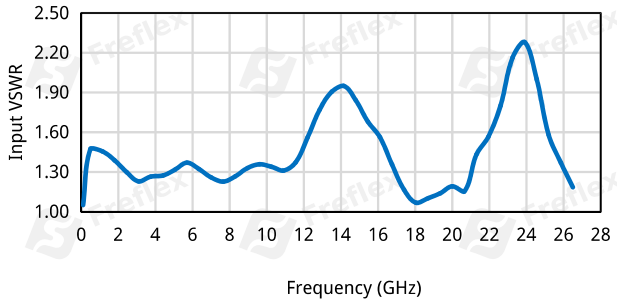
How To Order

FLA-100-26500-12-30

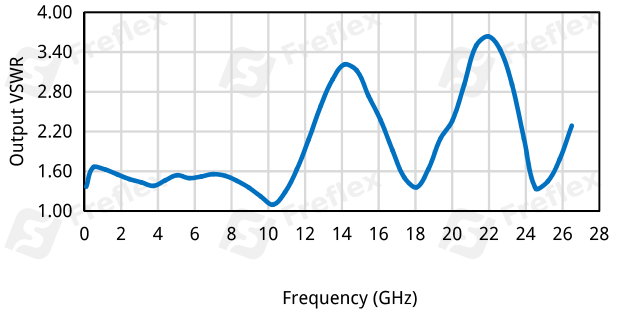
Customization is available upon request.

Typical Performance Curves

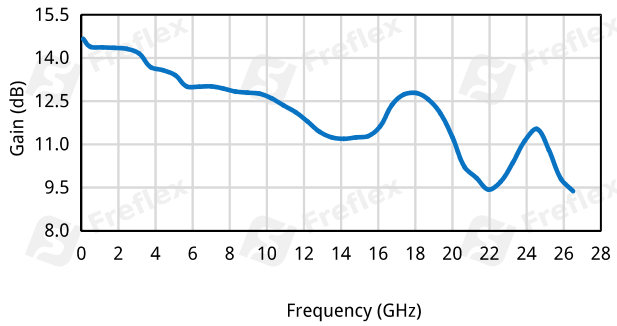
Input VSWR vs. Frequency



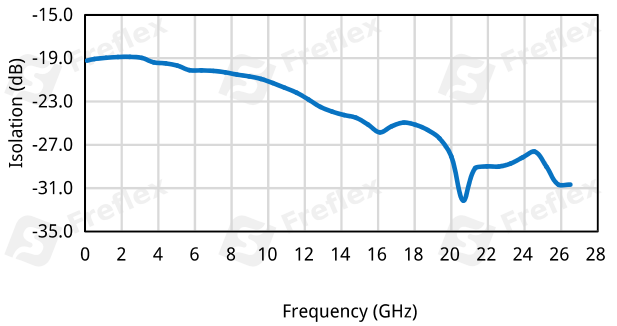
Output VSWR vs. Frequency



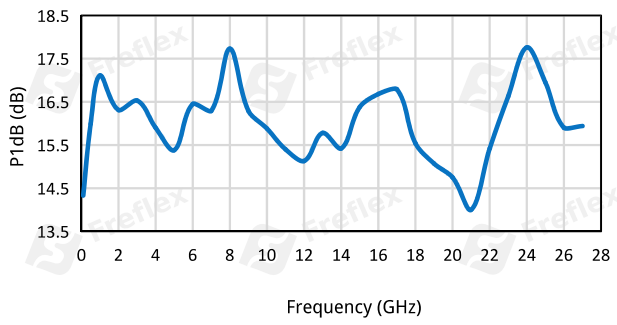
Gain vs. Frequency



Isolation vs. Frequency



P1dB vs. Frequency



Noise Figure vs. Frequency

