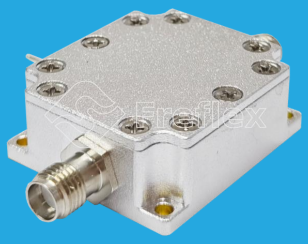
FLA-600-4200-30-08

0.6~4.2GHz, 30dB, 0.8dB

Features:
* Small Size
* Low Power Consumption

Applications:
* Wireless
* Transmitter
* Laboratory Test



Electrical

Frequency:	0.6~4.2GHz
Gain:	30dB typ.
Gain Flatness:	See Typical Performance Curves
Noise Figure:	0.8dB typ.
Output Power (P1dB):	21dBm typ.
Reverse Isolation:	-50dB typ.
VSWR:	2 typ.
Voltage:	+5V DC
Current:	200mA typ.
Impedance:	50Ω

Absolute Maximum Ratings*1

RF Input Power:	+22dBm
Voltage:	+7V

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

Mechanical

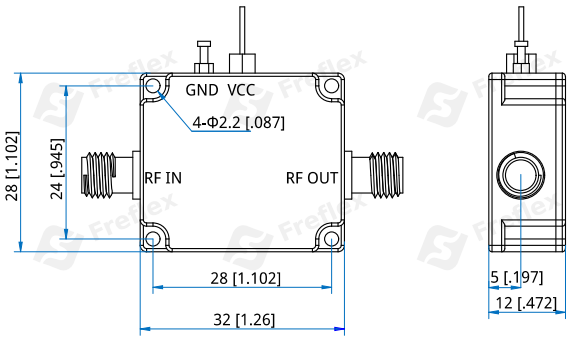
Size*2:	32*28*12mm 1.26*1.102*0.472in
RF Connectors:	SMA female
Power Supply Connectors:	Feed Through/Terminal Post
Mounting:	4-Φ2.2mm through-hole

[2] Exclude connectors.

Environmental

Operating Temperature:	-40~+85℃
Non-operating Temperature:	-55~+150℃

Outline Drawings



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

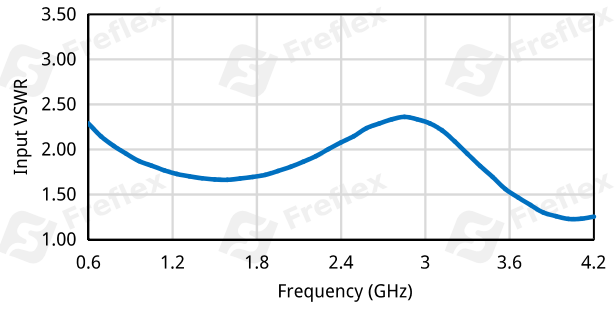
How To Order

FLA-600-4200-30-08

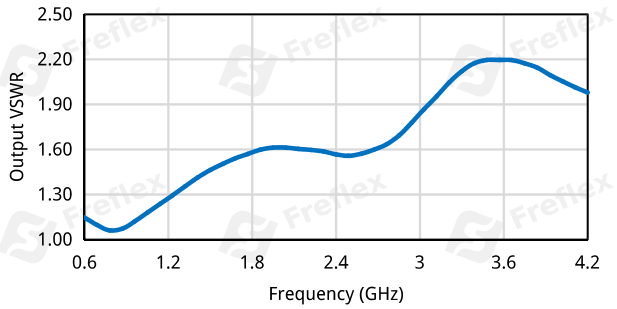
Customization is available upon request.

Typical Performance Curves

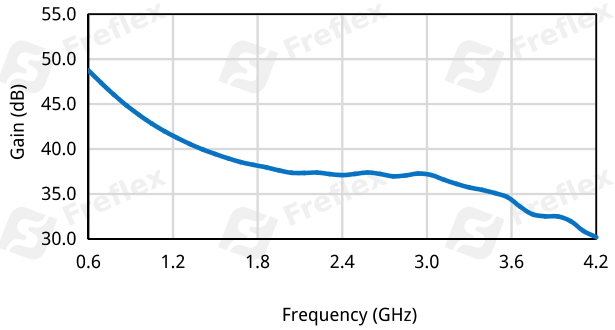
Input VSWR vs. Frequency



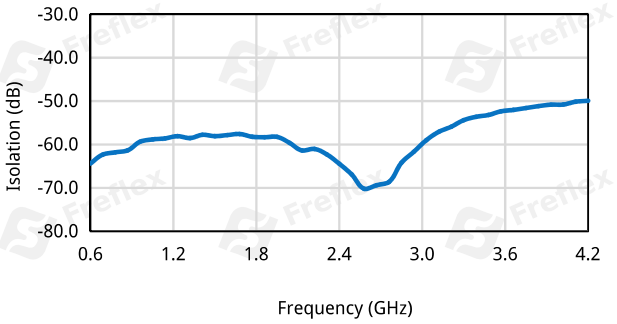
Output VSWR vs. Frequency



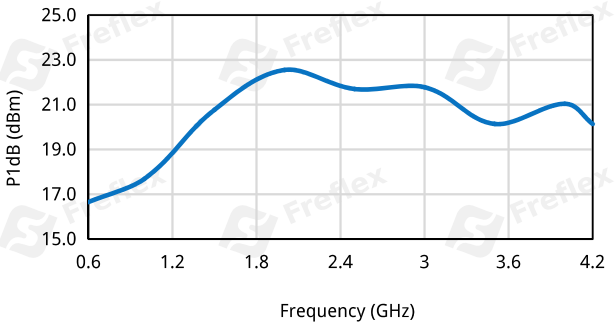
Gain vs. Frequency



Isolation vs. Frequency



P1dB vs. Frequency



Noise Figure vs. Frequency

