

FLA-5900-7250-30-15

5.9~7.25GHz, 30dB, 1.5dB

Features:

- * Broad Band
- * Low Noise

Applications:

- * Wireless
- * Receiver
- * Laboratory Test
- * Radar

Electrical

Frequency:	5.9~7.25GHz
Gain:	30dB typ.
Output Power (P1dB):	18dBm typ.
Noise Figure:	1.5dB max.
Input VSWR:	2 typ.
Output VSWR:	3 typ.
Voltage/Current:	+5V/300mA
Impedance:	50Ω

Absolute Maximum Ratings*1

RF Input Power:	0dBm
Voltage:	+6V

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

Mechanical

Size*2:	36*32*12mm 1.417*1.26*0.472in
Weight:	30.4g
RF Connectors:	SMA Female
Mounting:	4-Φ2.2mm through-hole

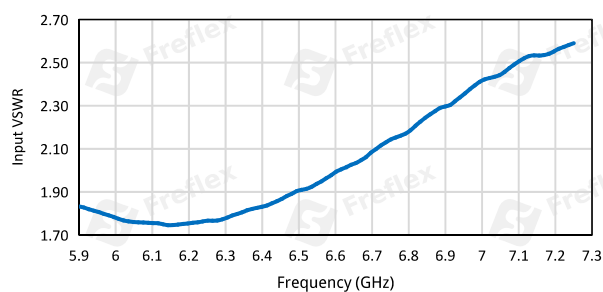
[2] Exclude connectors.

Environmental

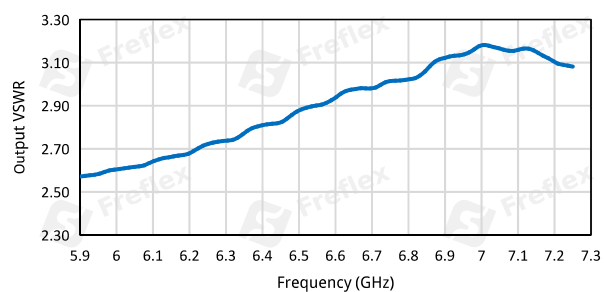
Operating Temperature:	-40~+85°C
Non-operating Temperature:	-55~+150°C

Typical Performance Curves

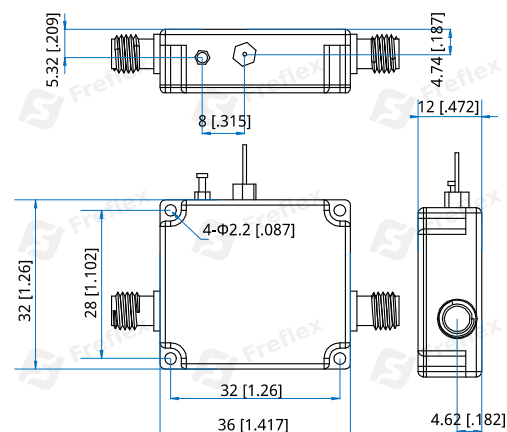
Input VSWR vs. Frequency



Output VSWR vs. Frequency



Outline Drawings



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

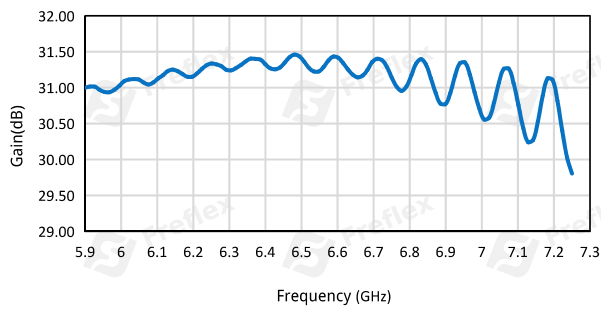
How To Order

FLA-5900-7250-30-15

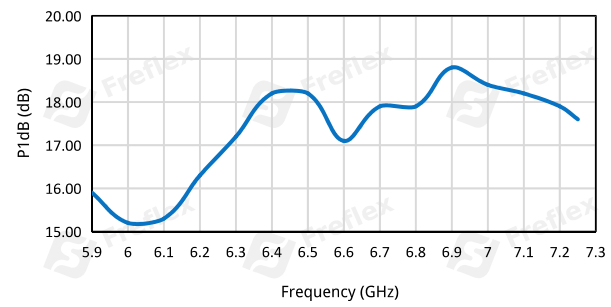
Customization is available upon request.

Low Noise Amplifier

Gain vs. Frequency



P1dB vs. Frequency



Noise Figure vs. Frequency

