

FPA-1-60-23-24S 1~60MHz, 23dB, 24dBm

Features:

- * Small Size
- * Low Power Consumption

Applications:

- * Laboratory Test
- * Telecommunication
- * Wireless
- * Instrumentation


Electrical

Frequency:	1~60MHz
Gain:	23dB typ.
Noise Figure:	1.2dB typ.
Output Power (P1dB):	22dBm typ.
Output Power (Psat):	24dBm typ.
Input VSWR:	1.6 typ.
Output VSWR:	1.8 typ.
Voltage/Current:	+5V/300mA
Impedance:	50Ω

Absolute Maximum Ratings*1

RF Input Power:	+6dBm
Voltage:	+7V
Limiting Temperature:	-45~+80°C

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

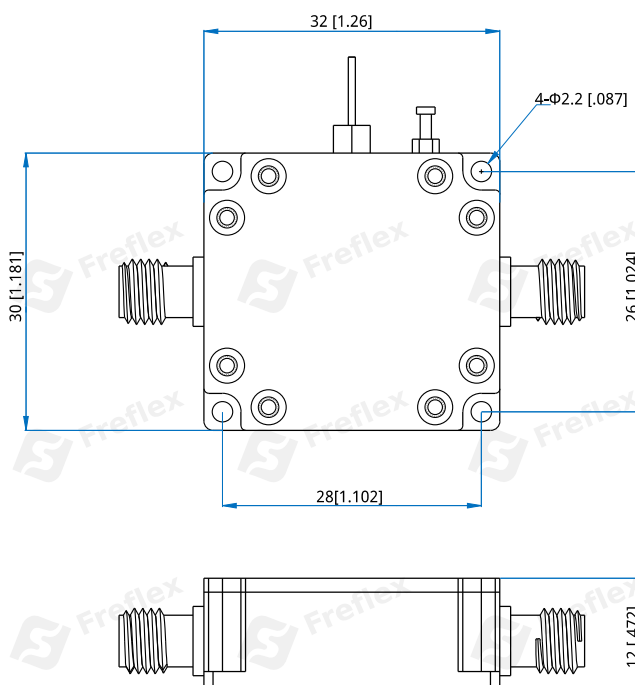
Mechanical

Size*2:	32*30*12mm 1.26*1.181*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:	-45~+85°C
Non-operating Temperature:	-55~+125°C

Outline Drawings


Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]

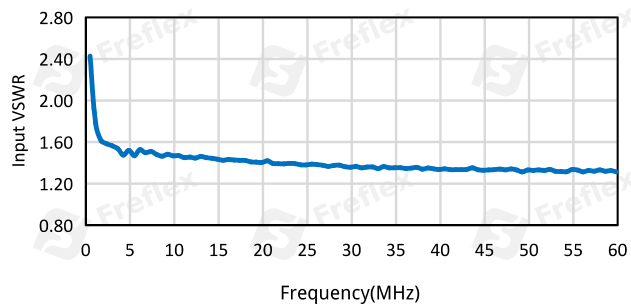
How To Order

FPA-1-60-23-24S

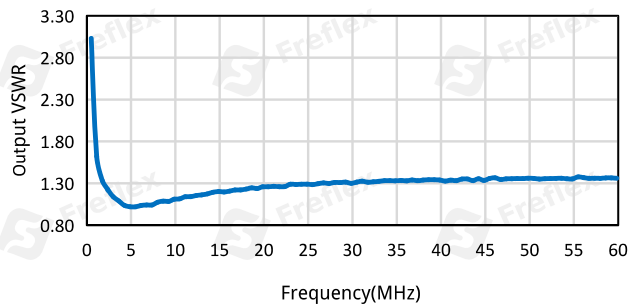
Customization is available upon request.

Typical Performance Curves

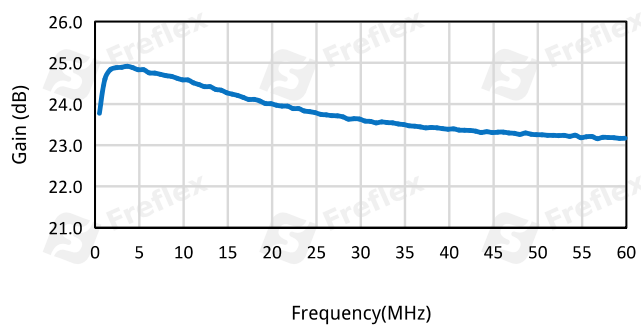
Input VSWR vs. Frequency



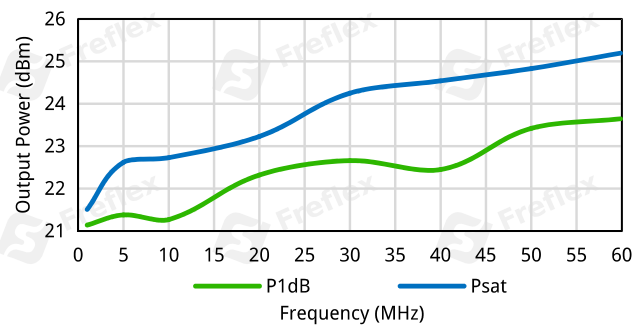
Output VSWR vs. Frequency



Gain vs. Frequency



Output Power vs. Frequency



Noise Figure vs. Frequency

