

SPECIFICATIONS

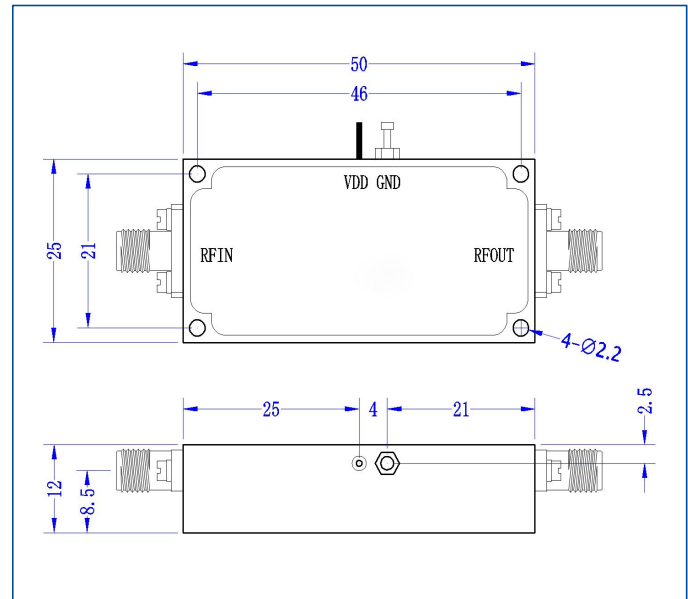
Frequency Range:	1.5~30 MHz
Gain	40dB min.
Noise Figure	1.5dB max.
VSWR	2.2 max.
Output Power(P-1 dB)	10dBm min.
Impedance	50Ω
Supply Voltage	+12V
Supply Current	300mA
Operating Temp.	-35°C~+65°C
Storage Temp.	-50°C~+80°C
RF Connectors	SMA Female removable (0.38mm pin)



Typical Performances

Freq. (MHz)	VSWR (S11)	VSWR (S22)	Small-Signal Gain (S21)	Power Output @1dB Compression (S21)	Noise Figure
Unit	:1	:1	dB	dBm	dB
1	1.81	1.56	42.33	12.3	-
4	1.74	1.54	42.41	12.9	-
7	1.7	1.55	42.40	13.5	-
10	1.7	1.54	42.48	13.1	1.16
13	1.7	1.55	42.46	13.2	1.15
15	1.7	1.56	42.46	13	1.14
18	1.69	1.56	42.42	13	1.16
21	1.69	1.56	42.36	13.1	1.11
24	1.69	1.57	42.33	13.2	1.08
26	1.69	1.56	42.25	13.3	1.04
29	1.69	1.57	42.20	13.5	1.05
32	1.68	1.57	42.14	13.6	1.05
35	1.66	1.56	42.14	13.8	1.02
37	1.66	1.55	42.07	14	0.92
40	1.66	1.55	41.97	14.2	0.97

Dimensions[mm]



50 Ohm Typical Characteristics

