

### SPECIFICATIONS

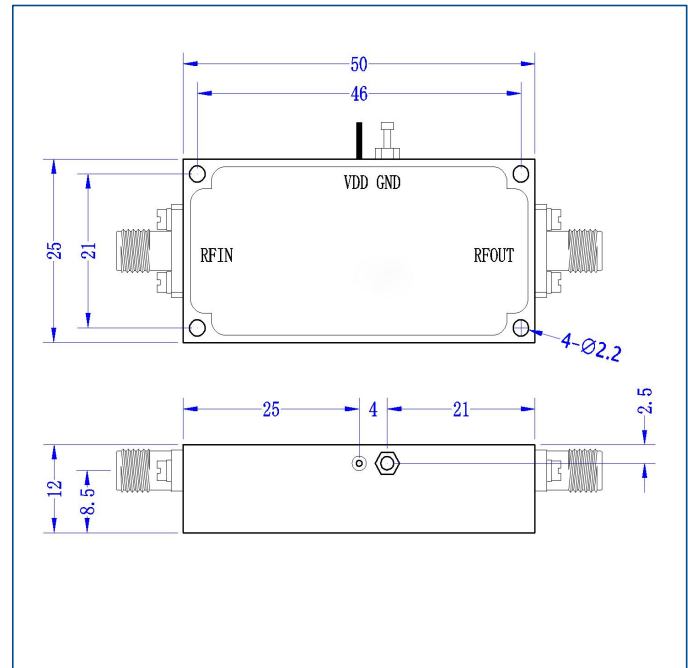
Frequency Range:	0.009~1000 MHz
Gain	50dB min.
Gain Flatness	±4 max.
Noise Figure	2.5 max. / 1.8 typ.
VSWR	2.0 max.
Output Power(P-1dB)	13dBm min.
Impedance	50Ω
Supply Voltage	+12V
Supply Current	300mA
Operating Temp.	-30°C~+70°C
RF Connectors	SMA Female



### Typical Performances

Freq. (MHz)	VSWR (S11)	VSWR (S22)	Small-Signal Gain (S21)	Power Output @1dB Compression (S21)	Noise Figure (@25°C)
Unit	:1	:1	dB	dBm	dB
0.009	1.33	1.61	52.5	15.69	2.66
107	1.21	1.41	55.48	16.85	2.19
214	1.21	1.38	55.41	16.95	2.15
321	1.22	1.38	55.33	17	2.12
429	1.25	1.36	55.21	16.97	2.22
536	1.26	1.34	55.14	16.92	2.21
643	1.25	1.32	55.09	16.88	2.26
750	1.25	1.28	55.06	16.88	2.33
857	1.24	1.28	54.97	16.79	2.42
964	1.22	1.27	54.88	16.72	2.42
1071	1.22	1.28	54.76	16.68	2.44
1179	1.23	1.29	54.69	16.58	2.44
1286	1.27	1.29	54.62	16.33	2.45
1393	1.34	1.3	54.51	16.26	2.55
1500	1.43	1.33	54.35	16.09	2.58

### Dimensions[mm]



### 50 Ohm Typical Characteristics

