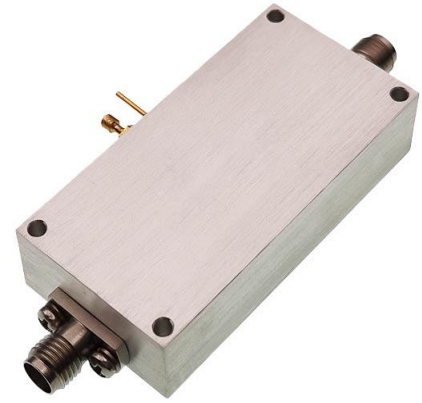


SPECIFICATIONS

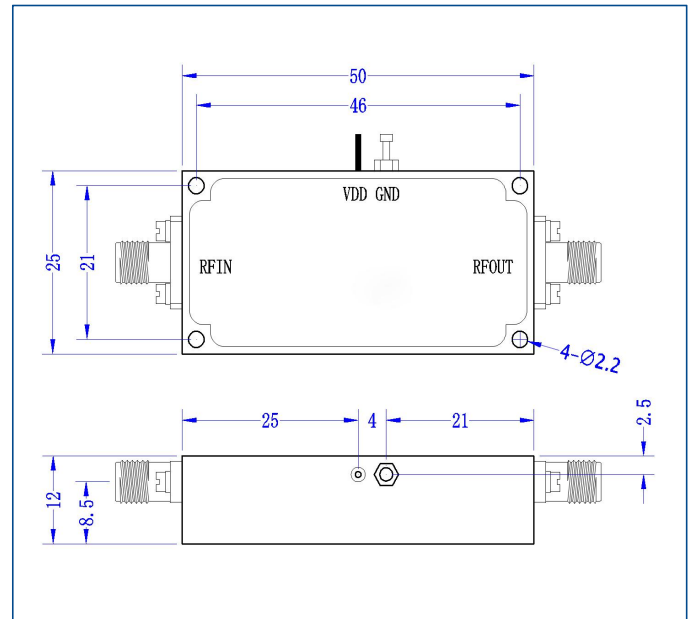
Frequency Range:	500~6500 MHz
Gain	40dB min.
Gain Flatness	4dB max.
Noise Figure	2.5dB max.
VSWR	2.0 max.
Output Power(P-1dB)	10dBm min.
Impedance	50Ω
Supply Voltage	+12V
Supply Current	300mA
Operating Temp.	-30°C~+70°C
RF Connectors	SMA Female



Typical Performances

Freq. (MHz)	VSWR (S11)	VSWR (S22)	Small-Signal Gain (S21) dB	Power Output @1dB Compression (S21) dBm	Noise Figure dB
Unit	:1	:1	dB	dBm	dB
500	1.36	1.41	43.30	18.06	2.1
964	1.04	1.35	43.58	18.72	2.03
1429	1.12	1.29	43.87	18.46	1.92
1893	1.3	1.32	43.77	18.68	2.16
2357	1.61	1.52	43.17	17.33	2.01
2821	1.83	1.75	42.59	16.28	2.34
3286	1.81	1.84	42.56	15.26	2.27
3750	1.64	1.74	43.13	14.23	2.14
4214	1.66	1.47	43.22	13.25	2.29
4679	1.83	1.27	42.94	12.31	2.51
5143	1.91	1.23	42.54	11.33	2.44
5607	2	1.19	42.55	10.23	2.22
6071	1.93	1.32	42.10	9.51	2.44
6536	1.56	1.41	40.35	9.06	2.49
7000	1.29	1.35	38.72	8.23	2.44

Dimensions[mm]



50 Ohm Typical Characteristics

