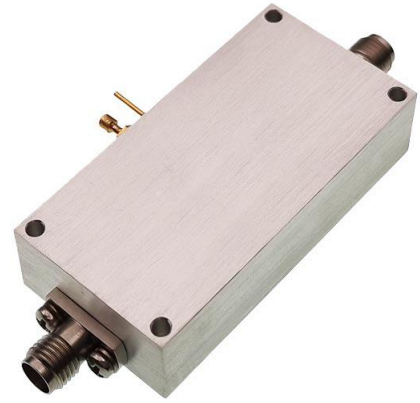


SPECIFICATIONS

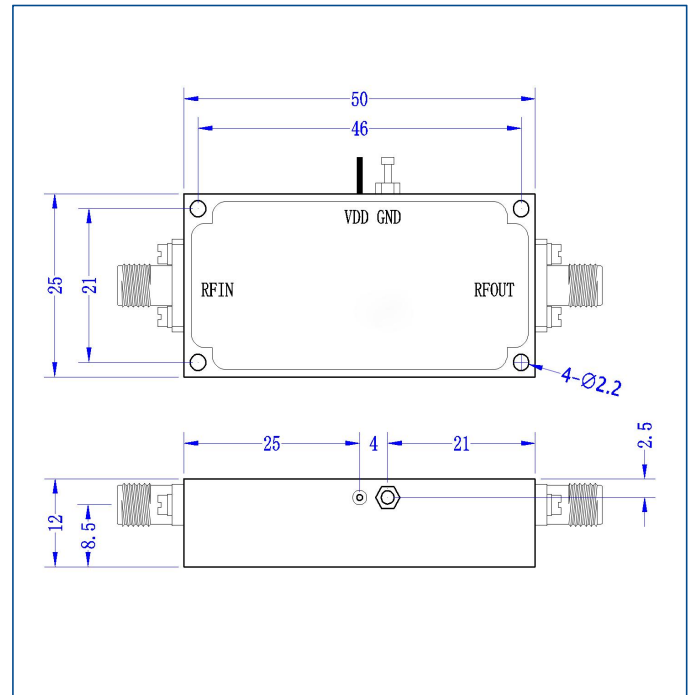
Frequency Range:	400~8000 MHz
Gain	30dB min.
Noise Figure	2.5dB max. / 2dB typ.
VSWR	2.2 max.
Input Power	10dBm max.
Output Power(P-1dB)	10dBm min.
Impedance	50Ω
Supply Voltage	+12V
Supply Current	200mA
Operating Temp.	-30°C~+70°C
RF Connectors	SMA Female



Typical Performances

Freq. (MHz)	VSWR (S11)	VSWR (S22)	Small-Signal Gain (S21)	Power Output @1dB Compression (S21)	Noise Figure
Unit	:1	:1	dB	dBm	dB
100	1.17	1.59	32.9	18	1.52
940	1.35	1.23	32.1	18.3	1.36
1780	1.19	1.03	32.1	18.1	1.28
2620	1.43	1.14	32.0	17.6	1.5
3460	1.65	1.04	32.3	16.6	1.34
4300	1.55	1.55	32.9	15.8	1.46
5140	1.7	1.6	31.8	14.9	1.58
5980	1.22	1.59	32.2	14.3	1.62
6820	1.26	1.55	32.2	14.1	1.64
7660	1.38	1.26	30.9	13.5	1.93
8000	1.23	1.1	31.0	12.6	2

Dimensions[mm]



50 Ohm Typical Characteristics

