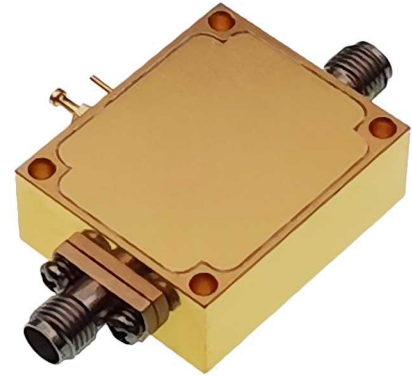


SPECIFICATIONS

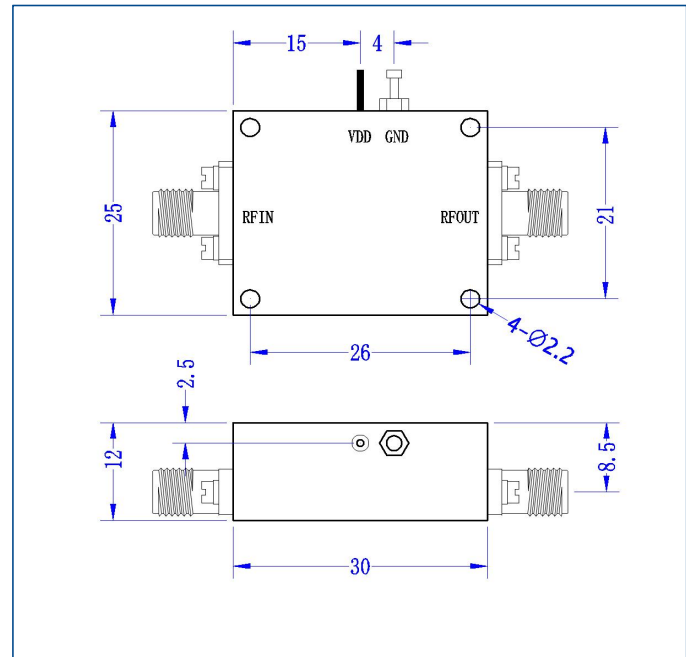
Frequency Range:	1000~8000 MHz
Gain	25dB min.
Gain Flatness	±3dB max.
Noise Figure	3.0dB max. / 2.5dB typ.
VSWR	2.5 max.
Output Power(P-1dB)	1dBm min.
Impedance	50Ω
Supply Voltage	+12V
Supply Current	300mA
Operating Temp.	-30°C~+70°C
RF Connectors	SMA Female removable (0.38mm pin)



Typical Performances

Freq. (GHz)	VSWR (S11)	VSWR (S22)	Small-Signal Gain (S21)	Power Output @1dB Compression (S21)	Noise Figure
Unit	:1	:1	dB	dBm	dB
0.5	1.98	1.92	35.14	8.6	3.78
1	1.44	1.87	35.50	2.66	2.83
2	1.48	2.01	35.35	2.47	2.6
3	1.53	1.2	35.21	1.9	2.63
4	1.73	1.85	34.84	1.43	2.31
5	1.92	1.63	35.49	1.3	2.14
6	1.92	1.42	36.66	1.9	2.06
7	1.92	1.34	36.55	2.44	2.11
8	1.92	1.36	34.85	3.31	2.27
9	2.3	1.35	33.09	3.74	3.17
10	2.84	1.16	30.43	5.3	3.84

Dimensions[mm]



50 Ohm Typical Characteristics

