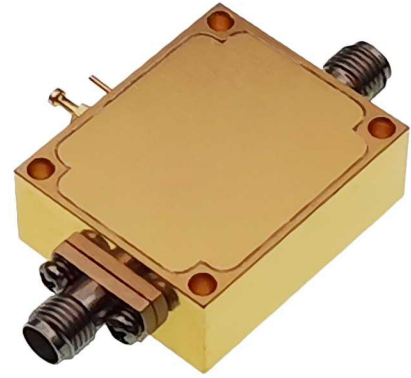


SPECIFICATIONS

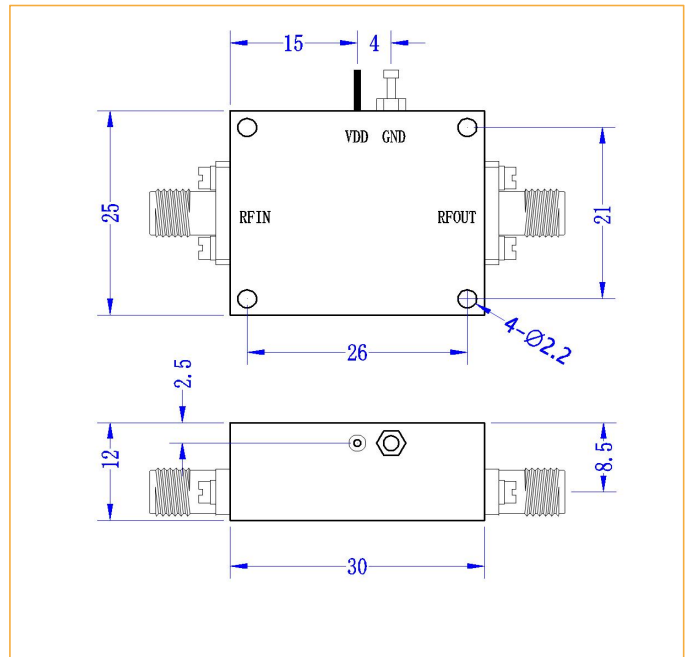
Frequency Range:	1000~18000 MHz
Gain	30dB min.
Gain Flatness	±4dB max. / ±2dB typ.
Noise Figure	3.0dB max. / 2.2dB typ.
VSWR	2.2 max. / 1.8 typ.
Output Power(P-1dB)	10dBm min. / 15dBm typ.
Impedance	50Ω
Supply Voltage	+12V
Supply Current	300mA
Operating Temp.	-30°C~+60°C
RF Connectors	SMA Female removable (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
0.8	1.38	1.07	31.8	15.1	1.66
2.54	1.36	1.21	31.7	16.1	1.66
4.28	1.5	1.22	31.5	16.9	1.63
6.02	1.69	1.25	30.9	15.6	1.68
7.76	1.75	1.26	31.0	16.5	1.68
9.5	1.56	1.48	31.2	17.2	1.9
11.24	1.63	1.81	31.0	16.6	1.97
12.98	1.42	1.49	31.6	16.2	2.08
14.72	1.17	1.7	31.5	16.4	2.19
16.46	1.63	1.65	31.3	16.2	2.24
18.2	1.67	1.16	31.7	15.3	2.34

Dimensions[mm]



50 Ohm Typical Characteristics

