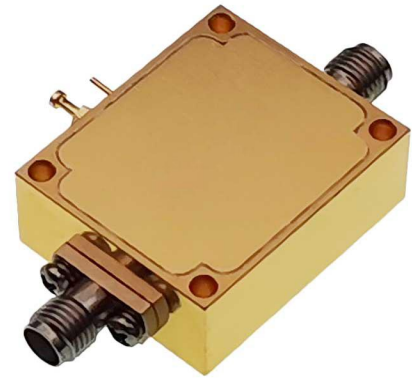


SPECIFICATIONS

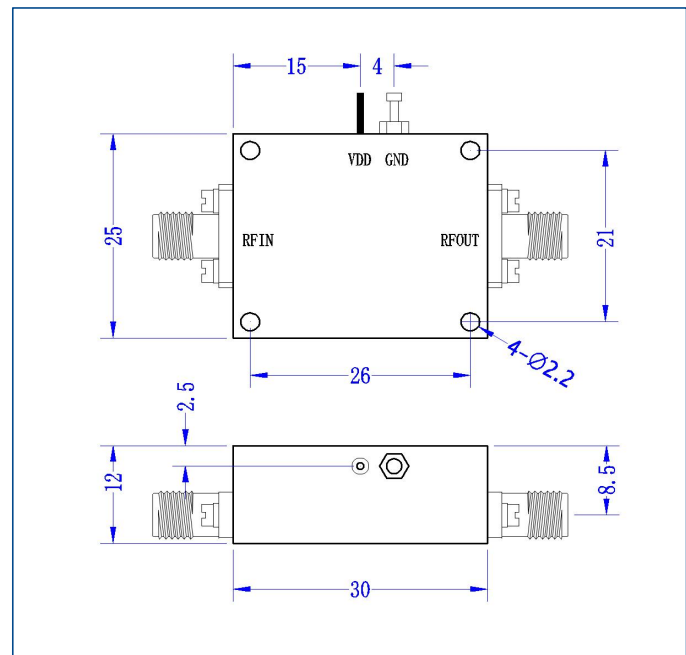
Frequency Range:	9KHz~1000 MHz
Gain	30dB min.
Gain Flatness	±2dB max.
Noise Figure	2.0dB max. / 1.5dB typ.
VSWR	2.0 max.
Output Power(P-1dB)	10dBm min. / 15dBm typ.
Impedance	50Ω
Supply Voltage	+12V
Supply Current	300mA
Operating Temp.	-40°C~+70°C
Storage Temp.	-55°C~+85°C
RF Connector	SMA Female removable (0.38mm pin)



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
0.009	1.26	1.23	33.3	16.1	-
100	1.67	1.17	33.6	17	1.05
200	1.49	1.12	34.3	17.8	1.13
300	1.38	1.11	34.7	18.1	1.23
400	1.37	1.12	34.9	18.5	1.25
500	1.37	1.13	34.9	18.4	1.31
600	1.37	1.11	34.8	18.3	1.38
700	1.33	1.09	34.5	18.3	1.38
800	1.26	1.13	34.3	18.2	1.39
900	1.16	1.21	34.1	18.3	1.43
1000	1.12	1.32	33.8	18.2	1.34

Dimensions[mm]



50 Ohm Typical Characteristics

