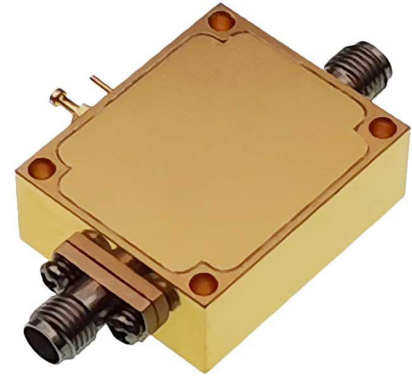


SPECIFICATIONS

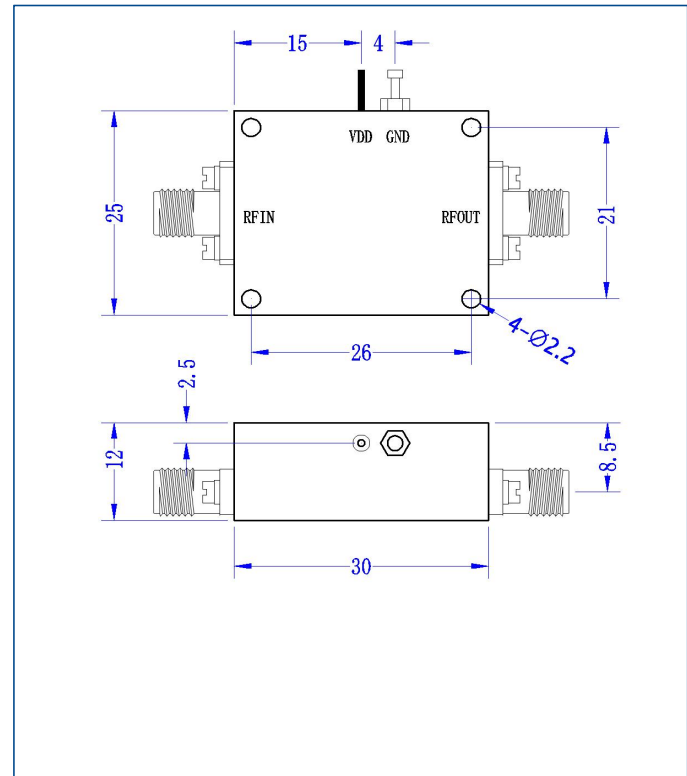
Frequency Range:	18000~40000 MHz
Gain	50dB min.
Gain Flatness	±2.5dB max.
Noise Figure	4dB max. / 3.5dB typ.
VSWR	2.5 max. / 2.0 typ.
Output Power(P-1dB)	15dBm min.
Impedance	50Ω
Supply Voltage	+12V
Supply Current	300mA
Operating Temp.	-30°C~+70°C
RF Connectors	2.92mm Female removable (0.3mm pin)



Typical Performances

Freq. (GHz)	VSWR (S11)	VSWR (S22)	Small-Signal Gain (S21)	Power Output @1dB Compression (S21)	Noise Figure (@25°C)
Unit	:1	:1	dB	dBm	dB
16	1.64	1.32	54.99	22.3	3.58
18	1.31	1.68	57.62	22	3.23
20	1.47	1.74	56.81	21.1	3.16
22	1.42	1.62	55.78	21.5	3.14
23	1.33	1.66	55.99	21.3	3.5
25	1.49	1.91	55.07	22.3	3.09
27	1.49	1.68	55.44	23.3	3.3
29	1.58	1.87	55.70	23.2	3.5
31	1.57	1.46	55.81	23.1	3.3
33	1.82	1.22	55.89	22.3	3.33
35	1.12	1.17	57.09	22	3.41
36	1.16	1.31	57.01	22.2	3.13
38	1.27	1.37	58.01	21	2.74
40	2.29	1.4	57.78	22.9	2.88
42	2.37	1.29	57.01	21.6	3.11

Dimensions[mm]



50 Ohm Typical Characteristics

