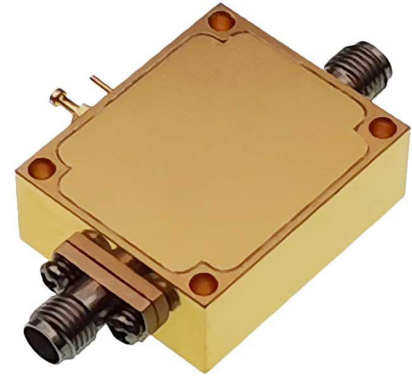


**SPECIFICATIONS**

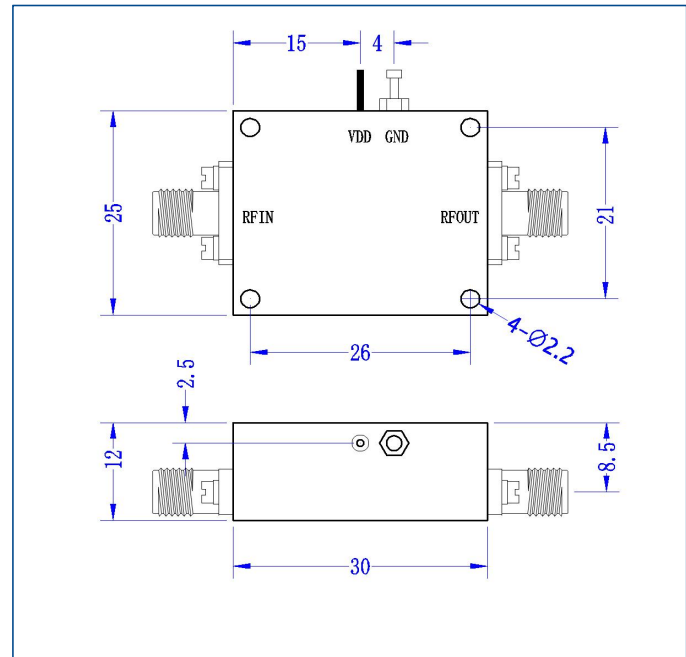
Frequency Range:	400~18000 MHz
Gain	45dB min. / 46dB typ.
Gain Flatness	±4dB max. / ±2dB typ.
Noise Figure	3.3dB max. / 2.5dB typ.
VSWR	2.5 max. / 2.0 typ.
Output Power(P-1dB)	11dBm min. / 13dBm typ. / 15dBm max.
Impedance	50Ω
Supply Voltage	+12V
Supply Current	300mA
Operating Temp.	-30°C~+70°C
RF Connectors	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
0.4	1.29	1.07	48.4	15.3	1.65
2	1.25	1.49	47.3	16	1.86
4	1.42	1.35	46.7	16.8	2.06
6	1.43	1.16	45.8	17	2.04
8	1.32	1.3	45.9	16.1	2.14
10	1.2	1.6	46.1	16.9	2.28
12	1.26	1.36	46.5	16	2.41
14	1.53	1.55	46.6	15.7	2.46
16	1.94	2.15	45.7	15.8	2.76
18	1.82	1.6	45.8	14.7	2.94
20	1.31	1.97	46.1	13.1	3.13

**Dimensions[mm]**



**50 Ohm Typical Characteristics**

