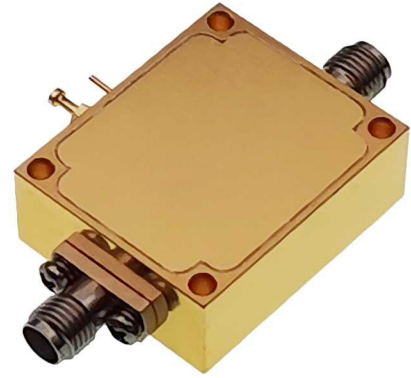


SPECIFICATIONS

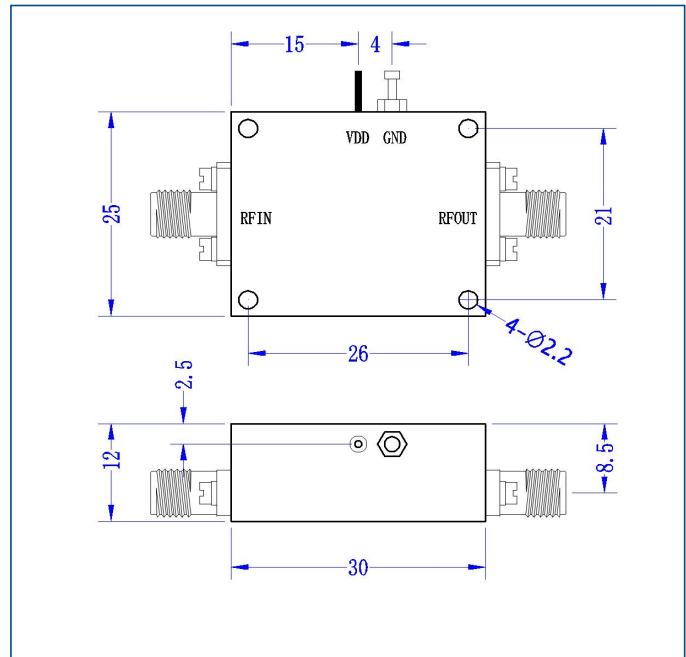
Frequency Range:	1000~18000 MHz
Gain	38dB min. / 41dB typ.
Gain Flatness	±5dB max. / ±3dB typ.
Noise Figure	3.3dB max. / 2.5dB typ.
VSWR	2.5 max. / 1.8 typ.
Output Power(P-1dB)	10dBm min. / 15dBm typ.
Impedance	50Ω
Supply Voltage	+12V
Supply Current	300mA
Operating Temp.	-30°C~+70°C
RF Connectors	SMA Female removable (0.38mm pin)



Typical Performances

Freq. (GHz)	VSWR (S11)	VSWR (S22)	Small-Signal Gain (S21) dB	Power Output @1dB Compression (S21) dBm	Noise Figure (@25°C) dB
Unit	:1	:1	dB	dBm	dB
1	1.23	1.13	43.30	15.1	1.74
2	1.2	1.28	43.90	15.7	1.69
4	1.85	1.16	43.04	16.8	2.01
6	1.89	1.28	42.30	17.1	2.01
8	1.56	1.15	42.70	16.1	2.03
10	1.75	1.47	42.64	16.5	2.07
12	1.56	1.54	42.54	16	2.15
14	1.31	1.13	42.60	15.9	2.09
16	1.25	1.42	42.11	15.6	2.39
18	1.87	1.08	40.89	15.1	2.63
20	2.3	1.46	40.36	14.3	2.93

Dimensions[mm]



50 Ohm Typical Characteristics

