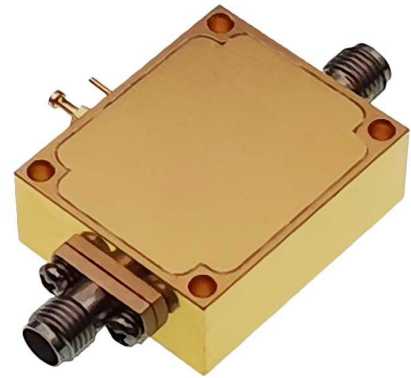


SPECIFICATIONS

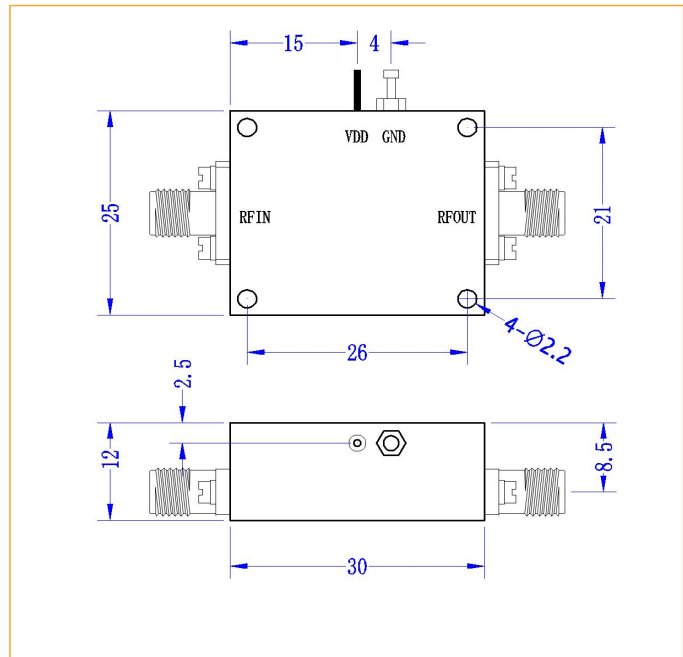
Frequency Range:	1000~18000 MHz
Gain	50dB min.
Gain Flatness	±5dB max.
Noise Figure	3.0dB max. / 2.6dB typ.
VSWR	2.2 max.
Output Power(P-1dB)	15dBm typ.
Impedance	50Ω
Supply Voltage	+12V
Supply Current	300mA
Operating Temp.	-40°C~+70°C
RF Connectors	SMA Female removable (0.38mm pin)



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
1	1.64	1.09	54.7	15.2	1.82
2	1.14	1.22	55.2	15.7	1.74
4	1.47	1.23	55.1	16.5	2.01
6	1.98	1.26	53.6	16.1	2.14
8	1.52	1.18	53.5	16.9	2.16
10	1.39	1.63	53.2	15.9	2.18
12	1.41	1.52	53.1	15.5	2.46
14	1.18	1.27	52.9	15.8	2.51
16	1.52	1.69	52.3	15.6	2.68
18	1.95	1.12	52.7	15.2	2.75
20	1.69	1.71	51.0	13.1	2.99

Dimensions[mm]



50 Ohm Typical Characteristics

