

**SPECIFICATIONS**

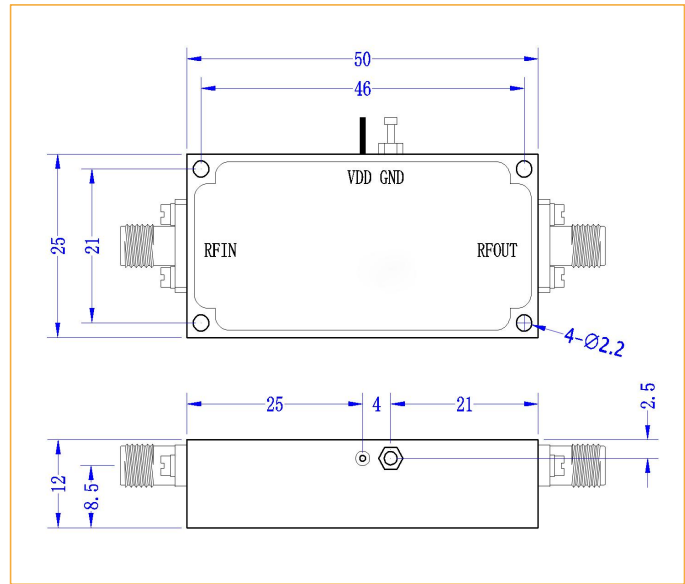
Frequency Range:	30~6000 MHz
Gain	35dB min.
Gain Flatness	±3dB max.
Noise Figure	2.5dB max. / 1.5dB typ.
Output Power (P-1dB)	15dBm min.
Impedance	50Ω
Supply Voltage	+12V
Supply Current	300mA
Operating Temp.	-30°C~+70°C
RF Connectors	SMA Female removable (0.38mm pin)



**Typical Performances**

Freq. (GHz)	VSWR (S11)	VSWR (S22)	Small-Signal Gain (S21) dB	Power Output @1dB Compression (S21) dBm	Noise Figure dB
Unit	:1	:1	dB	dBm	dB
0.03	1.54	1.42	36.59	19.9	1.32
0.8	1.27	1.43	35.79	20.1	1.24
1.6	1.36	1.23	36.10	19.7	1.27
2.4	1.23	1.22	36.81	19.3	1.37
3.2	1.71	1.67	36.94	19	1.41
4	1.61	1.73	37.02	19.2	1.29
4.8	1.44	1.91	36.87	19.6	1.47
5.6	1.38	1.43	36.56	19.6	1.38
6.4	1.73	1.21	35.74	19.5	1.63
7.2	1.55	1.71	35.32	19.3	1.57
8	1.99	2.15	33.61	20.1	1.73

**Dimensions[mm]**



**50 Ohm Typical Characteristics**

