

SPECIFICATIONS

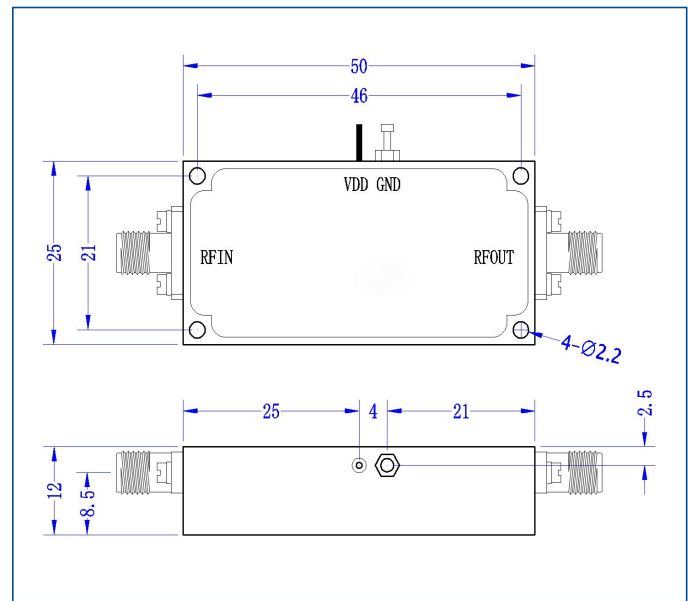
Frequency Range:	0.009~300 MHz
Gain	45dB min.
Gain Flatness	±2 max.
Noise Figure	2.5 max.
VSWR	1.6 max.
Output Power(P-1dB)	15dBm min.
Impedance	50Ω
Supply Voltage	+12~+15V
Supply Current	200mA
Operating Temp.	-40°C~+70°C
RF Connectors	SMA Female removable (0.38mm pin)



Typical Performances

Freq. (MHz)	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
0.025	1.11	1.38	52.6	15.7	-
40	1.05	1.28	52.2	16	2.16
80	1.05	1.27	52.3	16.2	2.11
120	1.06	1.26	52.3	16.3	2.09
160	1.08	1.23	52.3	16.4	2.08
200	1.07	1.21	52.3	16.6	2.08
240	1.07	1.19	52.3	16.8	2.08
280	1.09	1.16	52.3	16.9	2.08
320	1.1	1.14	52.3	16.9	2.13
360	1.12	1.11	52.3	17.1	2.14
400	1.13	1.1	53.4	17.2	2.13

Dimensions[mm]



50 Ohm Typical Characteristics

