

SPECIFICATIONS

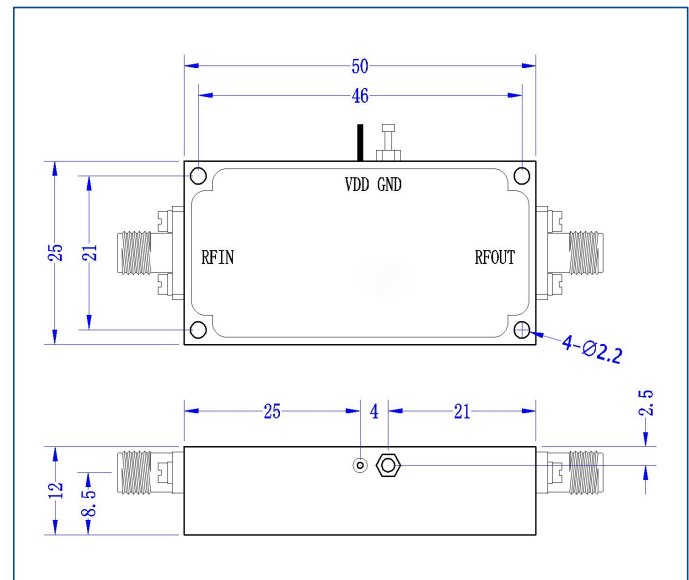
Frequency Range:	0.009~3000 MHz
Gain	40dB min.
Gain Flatness	±4 max. / ±3 typ.
Noise Figure	3.0 max. / 2.5 typ.
VSWR	2.5 max. / 2 typ.
Output Power(P-1dB)	10dBm min.
Impedance	50Ω
Supply Voltage	+12V
Supply Current	300mA
Operating Temp.	-40°C~+70°C
RF Connectors	SMA Female removable (0.38mm pin)



Typical Performances

Freq. (MHz)	VSWR (S11)	VSWR (S22)	Small-Signal Gain (S21) dB	Power Output @1dB Compression (S21) dBm	Noise Figure dB
Unit	:1	:1	dB	dBm	dB
0.025	1.29	1.54	43.4	17	-
400	1.49	1.48	44.1	17.9	0.88
800	1.63	1.43	43.6	18	0.66
1200	1.89	1.32	43.8	18.1	0.85
1600	2.12	1.12	44.4	17.5	1.24
2000	2.25	1.53	43.8	17.1	0.84
2400	2.08	2.04	43.3	16.5	0.99
2800	1.87	2.23	43.3	16.2	1.25
3200	2.43	2.25	42.7	15.8	1.34
3600	3.59	2.36	41.9	14.5	1.01
4000	5.02	1.89	42.6	13.7	1.06

Dimensions[mm]



50 Ohm Typical Characteristics

