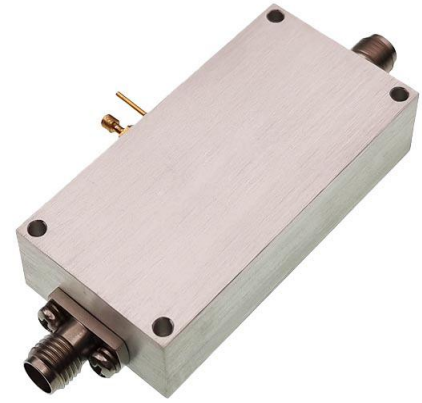


SPECIFICATIONS

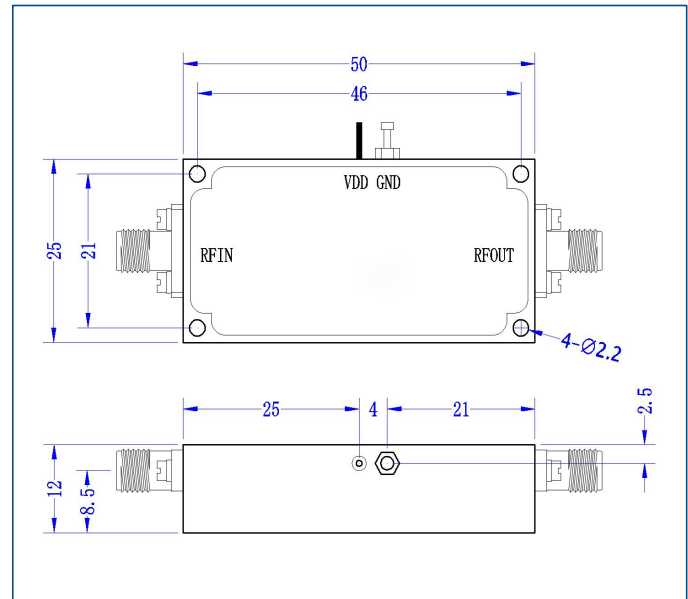
Frequency Range:	30~1000 MHz
Gain	30dB min.
Gain Flatness	±1dB max.
Noise Figure	2.0dB max. / 1.4dB typ.
VSWR	2.0 max.
Output Power (P-1dB)	15dBm min.
Impedance	50Ω
Supply Voltage	+12V
Supply Current	300mA
Operating Temp.	-40°C~+70°C
RF Connectors	SMA Female removable (0.38mm pin)



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
10	1.72	1.23	35.86	21	2.21
95	1.1	1.75	33.58	20.4	1.42
180	1.06	1.71	33.48	20.5	0.95
265	1.05	1.61	33.48	20.7	0.93
350	1.02	1.54	33.50	20.4	0.95
435	1.07	1.46	33.62	20.5	0.88
520	1.13	1.37	33.67	20.5	0.93
605	1.21	1.29	33.65	20.5	0.88
690	1.31	1.25	33.67	20.5	0.91
775	1.42	1.23	33.62	20.5	0.96
860	1.57	1.25	33.42	20.3	1.08
945	1.72	1.3	33.27	20.6	1.37
1030	1.76	1.34	32.86	20.7	1.22
1115	1.83	1.39	32.85	20.5	1.27
1200	1.93	1.42	32.60	20.4	1.25

Dimensions[mm]



50 Ohm Typical Characteristics

