

Product features

Broadband, low noise.

Main specifications

Parameters	Min	Typical	Max	Units
Frequency	0.009	~	6000	MHz
Gain	40			dB
Gain flatness			4	dB
Noise figure		3.5	3.8	dB
VSWR			2.2	
P-1dB	8			dBm

Other parameters

Connector	SMA-K
Impedance	50Ω
Working voltage	+12V
Working current	300mA
Work Temp.	-30~+70°C Design assurance

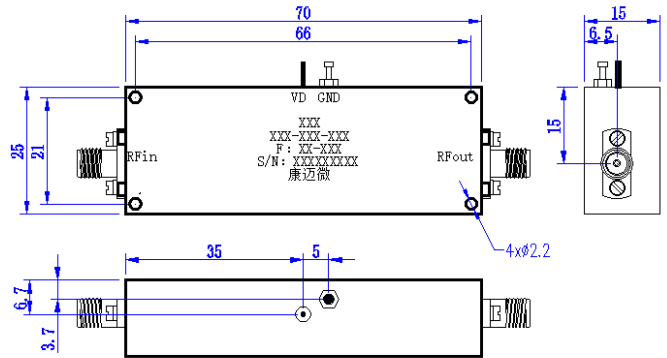
Typical test data

F(MHz)	P-1(dBm)	NF(dB)	S11VSWR	S22VSWR	Gain(dB)
10	10.66	2.25	1.91	1.26	45.2
800	12.4	2.36	1.29	1.44	46.3
1600	12.2	2.39	1.31	1.58	46.3
2400	12.1	2.86	1.16	1.33	46.5
3200	12.3	2.77	1.48	1.35	46.4
4000	11.7	2.95	1.79	1.47	45.7
4800	10.5	3.12	1.8	1.45	45.8
5600	9.6	3.36	1.89	1.21	45.6
6400	9.4	3.47	2.06	2.3	45.5
7200	8.9	3.9	1.46	1.69	42.7
8000	6.8	4.44	4.52	3.09	36.7

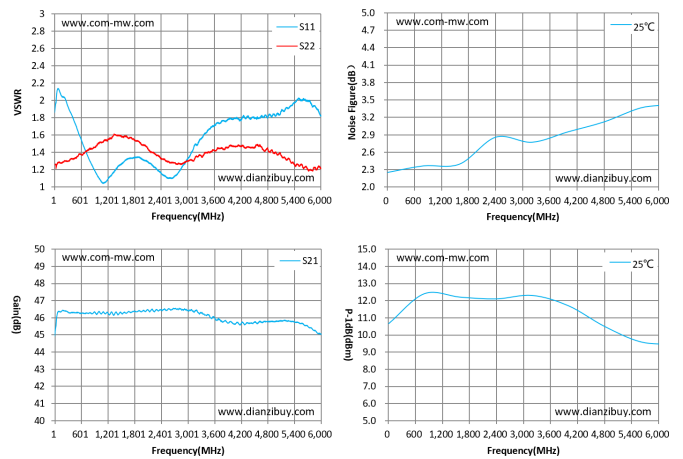
Reference picture



Configuration(mm)



Typical test curve



Note

Store in an environment with a humidity of less than 25% and pay attention to dust and static electricity prevention.