

Product features

Broadband, low noise, input limiting protection

Main specifications

Parameters	Min	Typical	Max	Units
Frequency	0.009	~	3000	MHz
Gain	38	40		dB
Gain flatness		3	5	dB
Noise figure			3.8	dB
VSWR			2	
P-1dB	15			dBm
Input limiting power		13		dBm
Max input power			10	W

Other parameters

Connector	SMA-K detachable, Pin 0.38mm
Connector material	Stainless steel
Impedance	50Ω
Surface	White
Working voltage	+12~15V
Working current	300mA
Reverse isolation	50dB
Work Temp.	-40~+70°C Design assurance
Other	Limiting amplifier

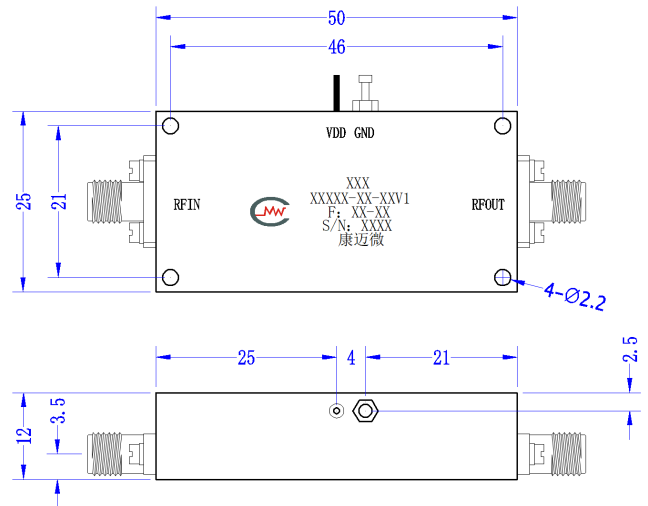
Typical test data

频率 (GHz)	S11 VSWR	S22 VSWR	Gain dB	Noise dB	P-1dB输出功率 (dBm)
0.01	1.09	1.64	44.48	2.49	17.17
0.29	1.14	1.43	44.38	2.1	17.91
0.57	1.17	1.21	44.12	2.28	18.61
0.86	1.23	1.08	44.32	2.45	18.59
1.14	1.2	1.03	44.86	2.52	18.28
1.43	1.22	1.15	44.88	2.37	18
1.71	1.28	1.37	44.65	2.46	17.6
2	1.3	1.61	43.94	2.69	17.36
2.29	1.23	1.75	43.34	2.8	17.01
2.57	1.13	1.74	42.94	2.76	16.62
2.86	1.09	1.67	42.51	2.79	16.08
3.14	1.09	1.62	42.18	2.89	16.05
3.43	1.25	1.57	41.85	2.98	15.34
3.71	1.59	1.54	41.35	2.88	14.8
4	1.94	1.5	40.65	2.92	14.36

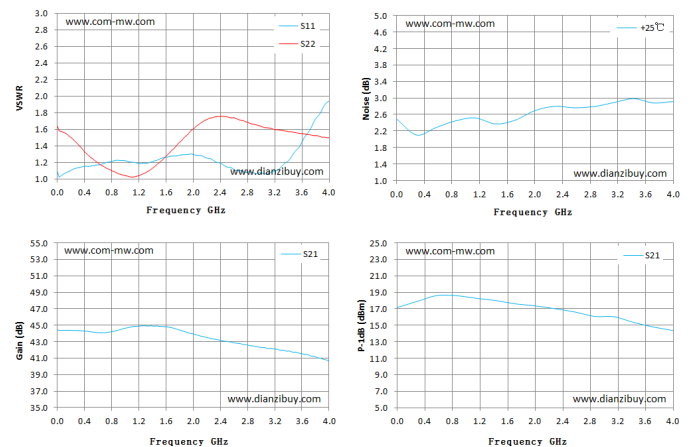
Reference picture



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.