

Product features

Broadband, low noise.

Main specifications

Parameters	Min	Typical	Max	Units
Frequency	0.009	~	3000	MHz
Gain		30		dB
Gain flatness		3	5	dB
Noise figure			3	dB
VSWR			2	
P-1dB		15		dBm
P饱和功率		17		dBm
IP3		26		dBm

Other parameters

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

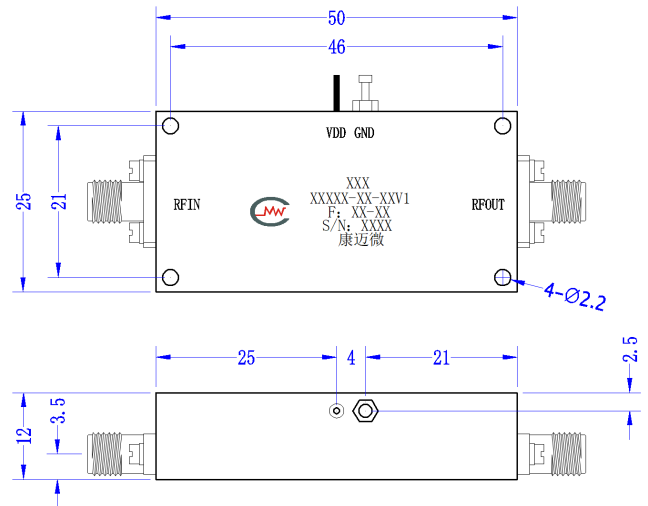
Typical test data

Frequency (GHz)	S11 VSWR	S22 VSWR	Noise dB	Gain dB	P-1dB
0.001	1.35	1.59	2.43	33.7	15.86
0.1	1.29	1.56	2.2	33.51	15.83
0.2	1.27	1.54	2.23	33.4	16.05
0.4	1.25	1.51	2.32	33.21	16.26
0.6	1.29	1.49	2.3	33.08	16.54
0.8	1.4	1.5	2.29	33.09	16.77
1	1.52	1.5	2.51	33.23	16.84
1.2	1.64	1.43	2.61	33.35	16.9
1.4	1.69	1.34	2.57	33.35	16.95
1.6	1.66	1.3	2.44	33.26	16.89
1.8	1.54	1.33	2.52	33.15	16.55
2	1.34	1.39	2.71	32.98	16.48
2.2	1.12	1.43	2.82	32.78	16.1
2.4	1.1	1.44	2.75	32.55	16.1
2.6	1.34	1.46	2.81	32.21	15.39
2.8	1.6	1.48	2.93	31.85	14.58
3	1.75	1.49	2.97	31.4	13.69

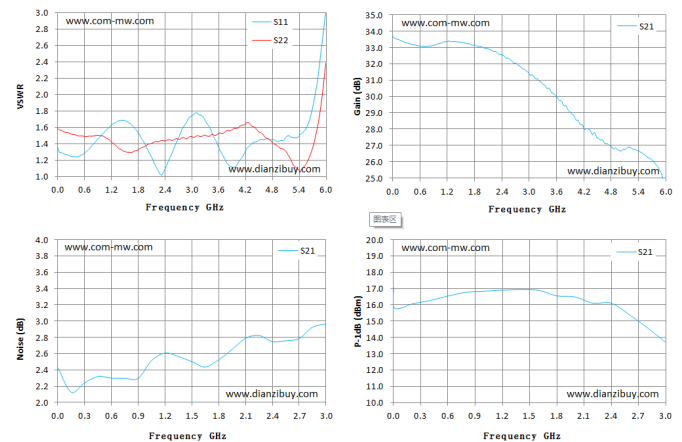
Reference picture



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.