

Product features

Broadband, low noise.

Main specifications

Parameters	Min	Typical	Max	Units
Frequency	0.009	~	1000	MHz
Gain	30			dB
Gain flatness			2	dB
Noise figure		1.5	2	dB
VSWR			2	
P-1dB	10	15		dBm
OIP3	30			dBm

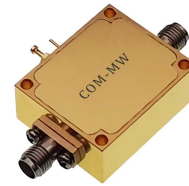
Other parameters

Connector	SMA-K detachable, Pin 0.38mm
Connector material	Stainless steel
Impedance	50Ω
Surface	Gold-plating
Working voltage	+12V
Working current	300mA
Operation Temp.	-40~+70°C Design assurance
Storage Temp.	-55~+85°C Design assurance

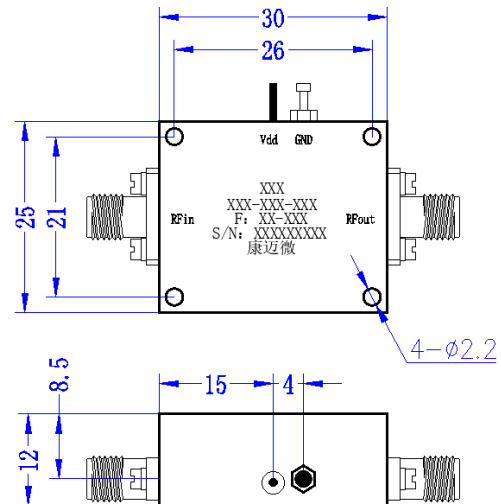
Typical test data

F(MHz)	P-1(dBm)	NF(dB)	S11 VSWR	S22 VSWR	Gain(dB)
0.009	16.1	/	1.26	1.23	33.3
100	17	1.05	1.67	1.17	33.6
200	17.8	1.13	1.49	1.12	34.3
300	18.1	1.23	1.38	1.11	34.7
400	18.5	1.25	1.37	1.12	34.9
500	18.4	1.31	1.37	1.13	34.9
600	18.3	1.38	1.37	1.11	34.8
700	18.3	1.38	1.33	1.09	34.5
800	18.2	1.39	1.26	1.13	34.3
900	18.3	1.43	1.16	1.21	34.1
1000	18.2	1.34	1.12	1.32	33.8

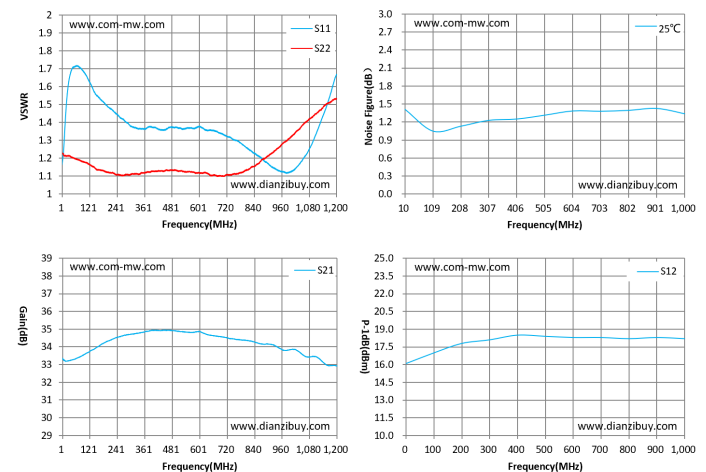
Reference picture



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.