

Product features

Low noise, small volume.

Main specifications

Parameters	Min	Typical	Max	Units
Frequency	4	~	9	GHz
Gain	22			dB
Gain flatness			±0.5	dB
Noise figure			1.5	dB
VSWR		1.6	1.8	
P-1dB	10	13		dBm
OIP3	25			dBm
Reverse isolation	35			dB

Other parameters

Connector	SMA-K detachable, Pin 0.38mm
Connector material	Stainless steel
Impedance	50Ω
Surface	Gold-plating
Working voltage	+12V
Working current	100mA
Operation Temp	-40~+70°C Design assurance

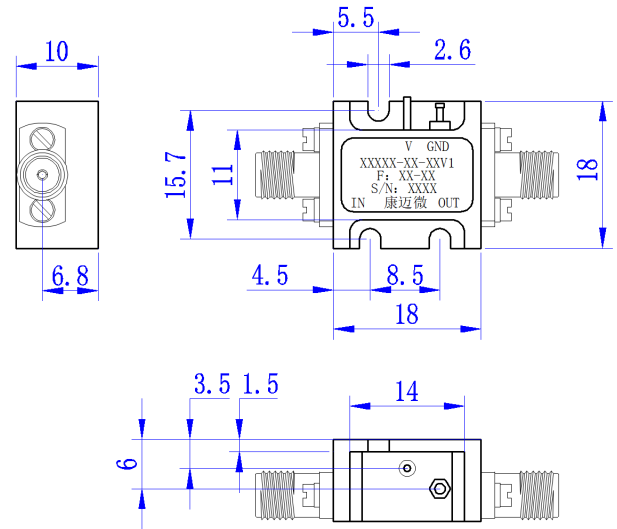
Typical test data

Frequency GHz	S11 VSWR	S22 VSWR	S21 Gain	+25°C 噪声dB	1dB功率dBm	饱和功率dBm
2	3.54	11.58	12.65	3.58	2.98	4.94
2.64	1.52	4.15	20.98	2.08	5.92	7.09
3.29	1.13	1.5	23.97	1.65	10.74	11.99
3.93	1.28	1.26	24.08	1.2	14.36	15.31
4.57	1.43	1.4	23.91	1.29	14.36	15.21
5.21	1.44	1.34	23.94	1.18	14.62	15.23
5.86	1.31	1.17	24.01	1.21	14.75	15.39
6.5	1.15	1.16	24	1.18	14.99	15.62
7.14	1.17	1.35	23.81	1.19	14.02	15.03
7.79	1.23	1.51	23.67	1.29	15.16	16.07
8.43	1.09	1.56	23.66	1.37	14.98	16.39
9.07	1.23	1.57	23.59	1.45	15.01	17.82
9.71	2.06	1.78	22.73	1.84	14.69	18.48
10.36	4.1	2.61	20.03	1.9	14.73	17.52
11	6.68	4.38	17.35	2.38	14.67	16.9

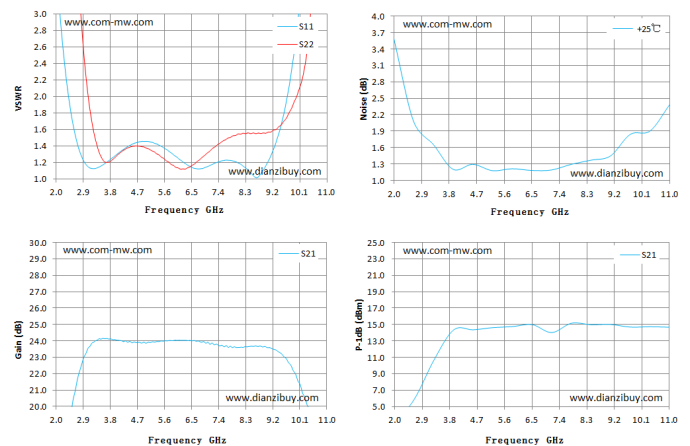
Reference picture



Configuration(mm)



Typical test curve



Note: The specifications and performance data contained in this data sheet are based on tests established by COM-MW.