

Product features

Broadband, low noise.

Main specifications

Parameters	Min	Typical	Max	Units
Frequency	1	~	30	GHz
Gain		13		dB
Gain flatness		±2.5		dB
Noise figure		9		dB
VSWR		2.2		
P-1dB		17		dBm

Other parameters

Connector	2.92-K detachable, Pin 0.38mm
Connector material	Stainless steel
Impedance	50Ω
Surface	Gold-plating
Working voltage	+12V
Working current	300mA
Work Temp.	-30~+70°C Design assurance

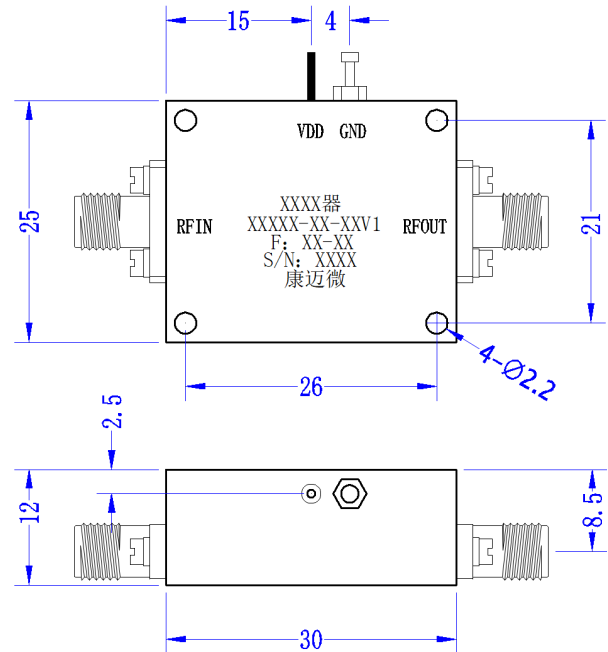
Typical test data

频率 (GHz)	Input VSWR	Output VSWR	Gain dB	噪声 (dB)	P-1dB
1	1.69	1.63	14.26	8.42	18.3
3.21	1.28	1.2	15.27	6.8	18.5
5.43	1.2	1.6	15.1	5.68	18.2
7.64	1.67	1.79	14.25	4.98	17.9
9.86	1.29	1.21	14.34	5.63	18.1
12.07	1.45	1.69	13.98	6.31	17.7
14.29	1.76	2.02	12.86	6.62	17.3
16.5	1.45	1.2	13.6	6.86	17.5
18.71	1.15	1.74	13.76	7.41	17.5
20.93	1.38	1.82	13.53	7.32	17.4
23.14	1.21	1.14	14.03	7.91	16.7
25.36	1.73	1.46	13.92	8.3	18.8
27.57	1.33	1.98	13.09	8.76	18.8
29.79	1.23	1.54	14.18	9.47	17.2
32	1.66	1.28	14.85	10.24	13.5

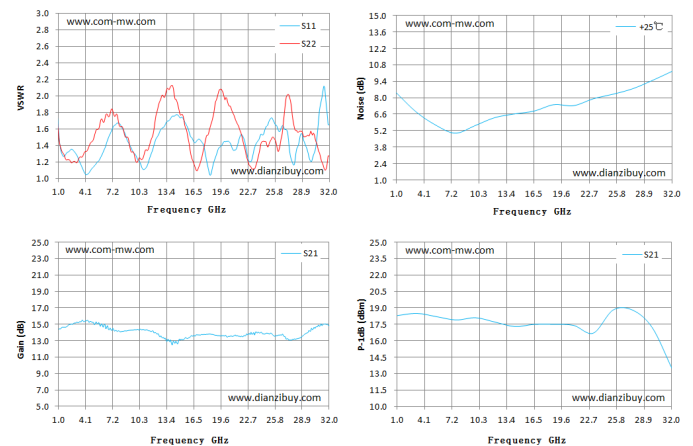
Reference picture



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.