

Product features

Broadband, low noise.

Main specifications

Parameters	Min	Typical	Max	Units
Frequency	18000	~	40000	MHz
Gain	40			dB
Gain flatness		±2.5		dB
Noise figure		3.5		dB
VSWR			2.5	
P-1dB power	15			dBm

Other parameters

Connector	2.92-K
Connector material	Stainless steel
Impedance	50Ω
Surface	Gold-plating
Working voltage	+12V
Working current	300mA
Work Temp.	-40~+70°C Design assurance

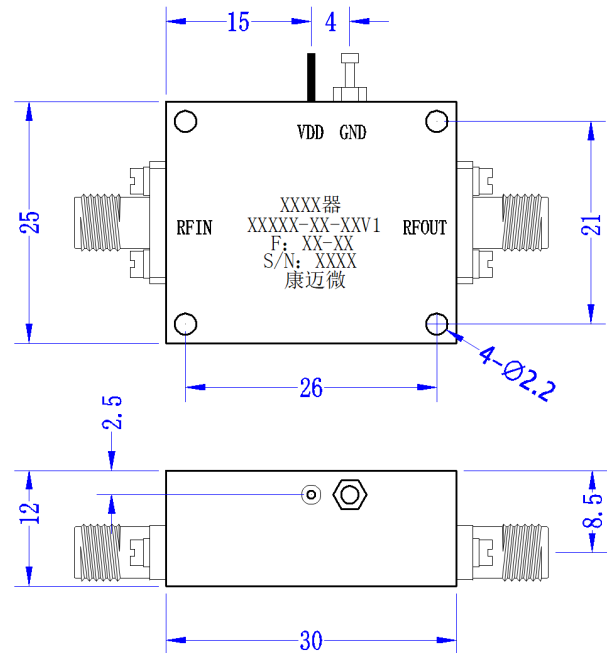
Typical test data

Frequency(GHz)	S11 VSWR	S22 VSWR	S21 gain dB	S21 Noise dB	S21 1dB power
17	1.22	2.08	49.94	2.8	15.1
18.71	1.31	2.19	48.65	2.95	15.76
20.43	1.23	1.62	48.04	2.78	16.1
22.14	1.19	1.25	47.12	2.86	16
23.86	1.2	1.15	45.81	2.75	16.5
25.57	1.28	1.24	44.93	2.79	16.5
27.29	1.43	1.45	44.72	2.7	16.85
29	1.47	1.66	45.45	3.07	17.4
30.71	1.74	1.77	44.79	2.97	16.55
32.43	1.67	1.76	45.84	3.05	15.7
34.14	1.71	1.52	47.45	2.89	16.9
35.86	1.41	1.87	48.44	2.94	16.92
37.57	1.29	2.23	48.52	2.66	17
39.29	1.51	2.07	48.76	2.66	17.42
41	2.04	1.36	47.63	2.67	17.31

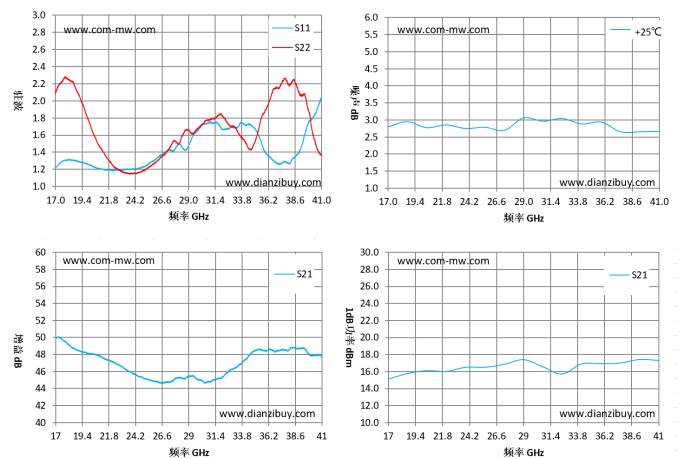
Reference picture



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.