

Product features

Broadband, low noise.

Main specifications

Parameters	Min	Typical	Max	Units
Frequency	30	~	3000	MHz
Gain	40			dB
Gain flatness		± 1.5	± 2	dB
Noise figure			2	dB
VSWR		2	2.3	
P-1dB	14			dBm

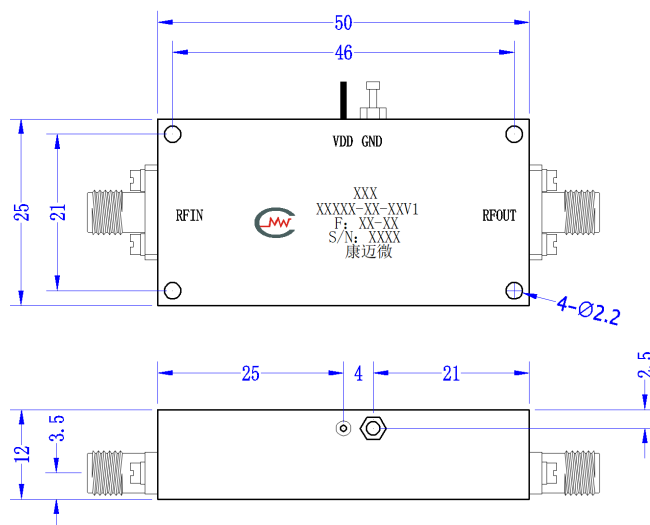
Other parameters

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

Reference picture



Configuration(mm)

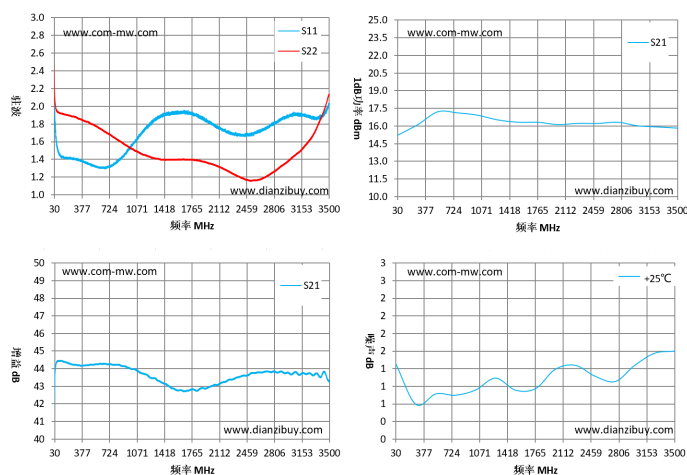


Note: The specifications and performance data contained in this data sheet are based on tests established by CMW.

Typical test data

F(GHz)	S11 VSWR	S22 VSWR	Gain (dB)	P- 1(dB m)	NF(dB)
0.03	1.96	2.16	43.4	15.2	1.29
0.28	1.41	1.88	44.2 2	16.1	0.59
0.53	1.33	1.79	44.2 3	17.2	0.77
0.77	1.34	1.65	44.2 1	17.1	0.75
1.02	1.57	1.51	43.9 8	16.9	0.84
1.27	1.83	1.42	43.4 6	16.5	1.04
1.52	1.92	1.4	42.8 7	16.3	0.83
1.77	1.9	1.4	42.8 3	16.3	0.86
2.01	1.81	1.35	43.0 1	16.1	1.19
2.26	1.68	1.25	43.3 8	16.2	1.26
2.51	1.68	1.16	43.7 4	16.2	1.07
2.76	1.79	1.24	43.8	16.3	0.98
3	1.9	1.39	43.7	16	1.26
3.25	1.88	1.61	43.7 4	15.9	1.47
3.5	2.02	2.13	43.2 5	15.8	1.5

Typical test curve



Note

Store in an environment with a humidity of less than 25% and pay attention to dust and static electricity prevention.