

Product features

Broadband, low noise.

Main specifications

Parameters	Min	Typical	Max	Units
Frequency	400	~	8000	MHz
Gain	30			dB
Gain flatness			3	dB
Noise figure		2.2	3	dB
VSWR		1.8	2.2	
P-1dB	22	24		dBm

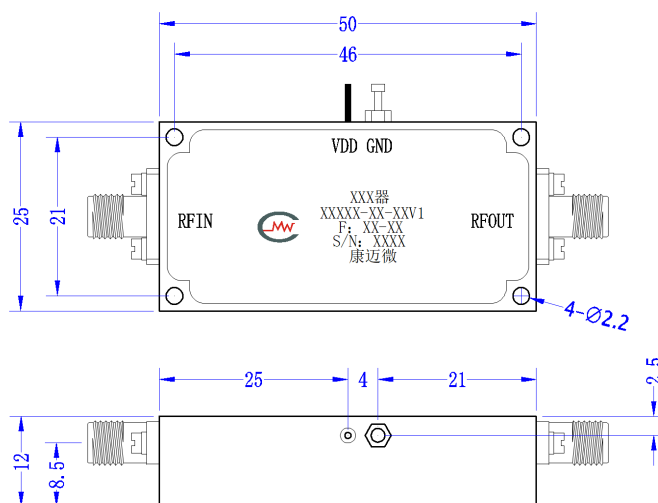
Other parameters

Connector	SMA-K detachable, Pin 0.38mm
Connector material	Stainless steel
Impedance	50Ω
Surface	White
Working voltage	+12V
Working current	300mA
Operation Temp.	-30~+70°C Design assurance
Other	Maximum input undamaged power: 10dBm

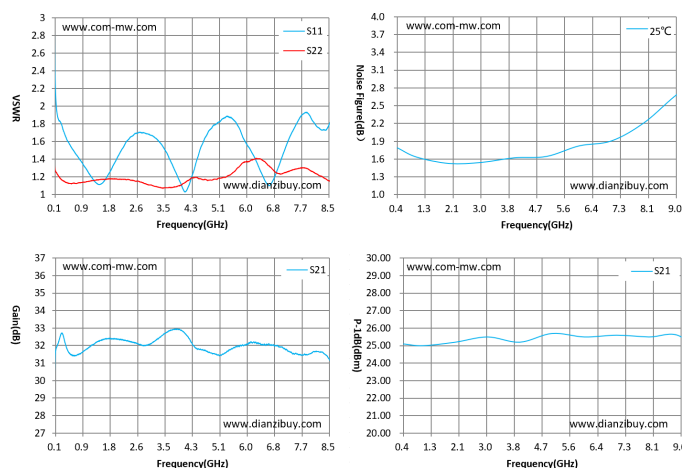
Reference picture



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.

Typical test data

F(GHz)	P-1(dBm)	NF(dB)	S11VSWR	S22VSWR	Gain(dB)
0.4	25.1	1.79	1.67	1.14	32
1	25	1.64	1.31	1.17	31.7
2	25.2	1.53	1.42	1.17	32.4
3	25.5	1.55	1.67	1.11	32.1
4	25.2	1.62	1.07	1.12	32.78
5	25.7	1.65	1.79	1.17	31.49
6	25.5	1.82	1.55	1.37	32.08
7	25.6	1.91	1.37	1.23	31.9
8	25.5	2.21	1.83	1.52	31.65
9	25.5	2.68	2.5	1.14	28.86
10	23.3	3.07	3.79	1.07	25.33

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