

Main specifications

Parameters	Min	Typical	Max	Units
Frequency	2000	~	4000	MHz
Gain		35		dB
Gain flatness		3	4	dB
Noise figure			1.5	dB
VSWR			2	
P-1dB	15			dBm
OIP3	20			dBm
Max input power			10	dBm

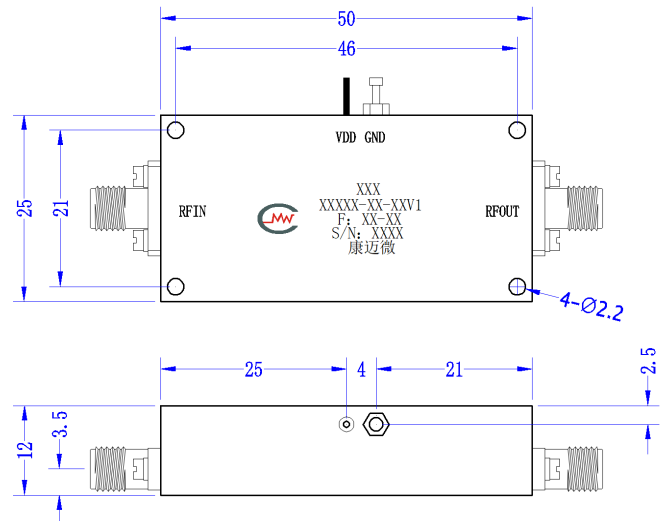
Other parameters

Connector	SMA-K detachable, Pin 0.38mm
Connector material	Stainless steel
Impedance	50Ω
Surface	White
Working voltage	+12V
Working current	300mA
Reverse isolation	55dB
Operation Temp.	-40~+70°C Design assurance

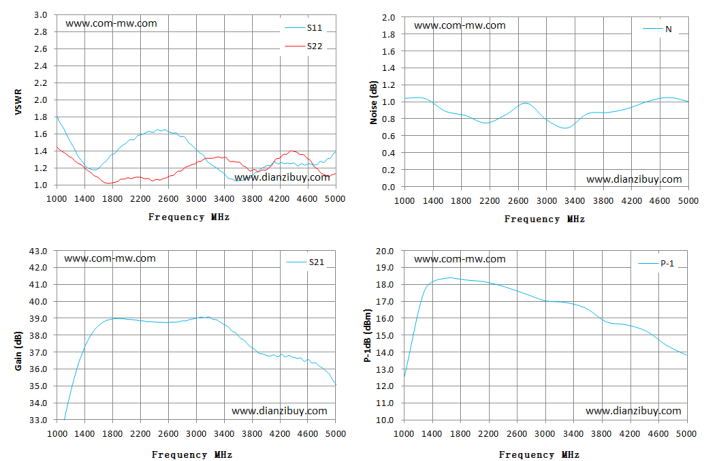
Reference picture



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 MHz	S11 VSWR	S22 VSWR	Gain dB	Noise dB	P-1dB dBm
1000	1.81	1.45	30.64	1.04	12.56
1285.71	1.36	1.27	35.99	1.04	17.66
1571.43	1.19	1.1	38.47	0.89	18.36
1857.14	1.4	1.04	38.98	0.84	18.27
2142.86	1.57	1.1	38.89	0.75	18.15
2428.57	1.65	1.07	38.77	0.85	17.85
2714.29	1.61	1.15	38.77	0.99	17.44
3000	1.42	1.26	39	0.79	17.03
3285.71	1.21	1.33	38.92	0.69	16.93
3571.43	1.05	1.27	38.12	0.86	16.59
3857.14	1.15	1.18	37.09	0.87	15.79
4142.86	1.26	1.31	36.77	0.92	15.61
4428.57	1.25	1.39	36.65	1.01	15.23
4714.29	1.24	1.2	36.36	1.05	14.39
5000	1.39	1.14	35.13	1	13.81

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