

Product features

Broadband, high gain.

Main specifications

Parameters	Min	Typical	Max	Units
Frequency	0.009	~	300	MHz
Gain	45	52		dB
Gain flatness			2	dB
Noise figure			2.5	dB
VSWR			1.6	
P-1dB	15			dBm

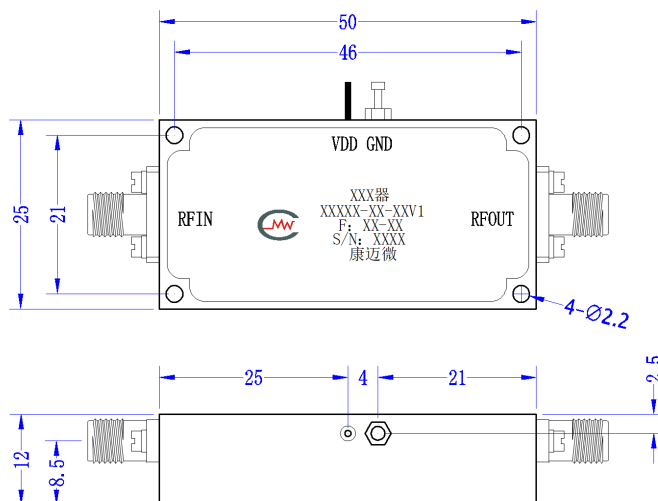
Other parameters

Connector	SMA-K detachable, Pin 0.38mm
Connector material	Stainless steel
Impedance	50Ω
Surface	White
Working voltage	+12-15V
Working current	200mA
Operation Temp.	-40~+70°C Design assurance
Max input power	15dBm
Other	If the amplifier is connected to the antenna, electrostatic protection or isolation measures should be taken.

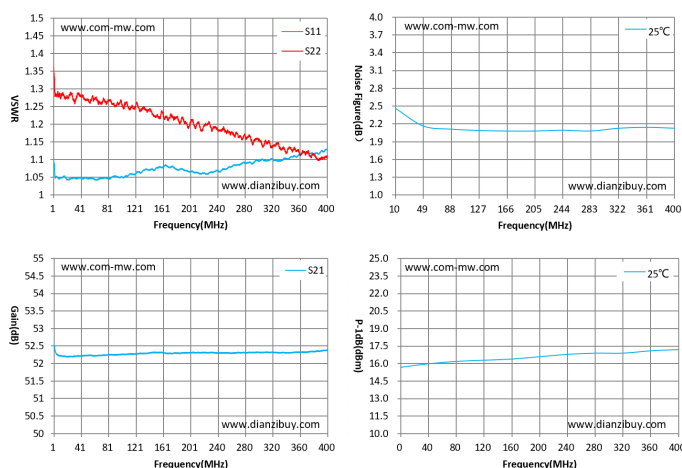
Reference picture



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)	P-1(dBm)	NF(dB)	S11VSWR	S22VSWR	Gain(dB)
0.025	15.7	/	1.11	1.38	52.6
40	16	2.16	1.05	1.28	52.2
80	16.2	2.11	1.05	1.27	52.3
120	16.3	2.09	1.06	1.26	52.3
160	16.4	2.08	1.08	1.23	52.3
200	16.6	2.08	1.07	1.21	52.3
240	16.8	2.08	1.07	1.19	52.3
280	16.9	2.08	1.09	1.16	52.3
320	16.9	2.13	1.1	1.14	52.3
360	17.1	2.14	1.12	1.11	52.3
400	17.2	2.13	1.13	1.1	53.4

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