

Product features

Small size, low noise.

Main specifications

Parameters	Min	Typical	Max	Units
Frequency	2	~	4	GHz
Gain	28			dB
Gain flatness			2	dB
Noise figure		1	1.8	dB
VSWR		1.5	2	
P-1dB		10		dBm

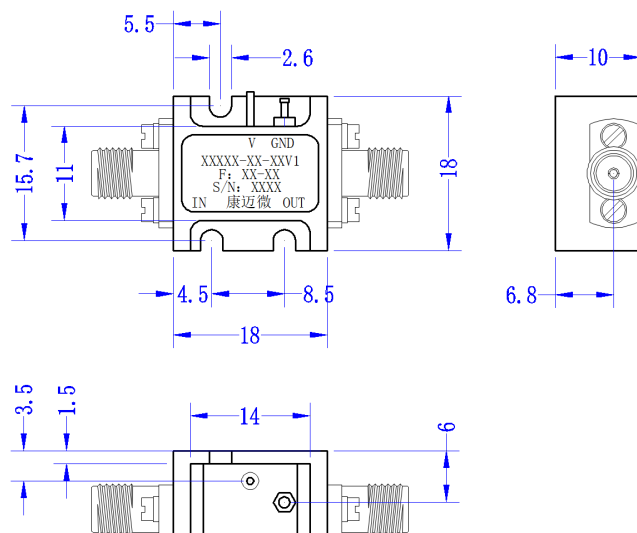
Other parameters

Connector	SMA-K detachable, Pin 0.38mm
Connector material	Stainless steel
Impedance	50Ω
Surface	Gold-plating
Working voltage	+12V
Working current	150mA
Operation Temp.	-40~+70°C Design assurance

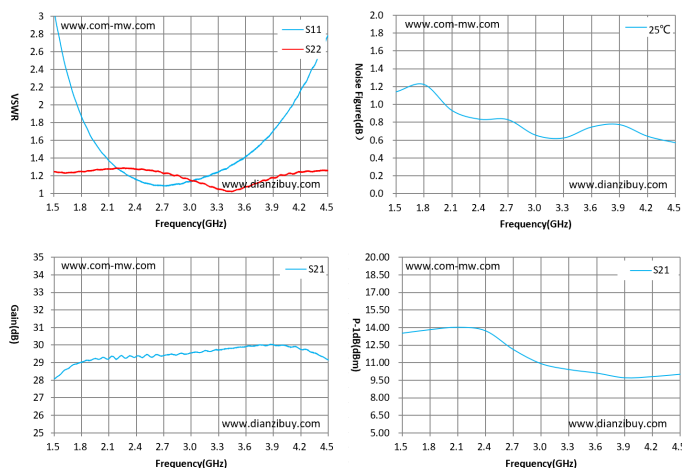
Reference picture



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(GHz)	P-1(dBm)	NF(dB)	S11VSWR	S22VSWR	Gain(dB)
1.5	13.5	1.14	3.04	1.25	28.06
1.8	13.8	1.22	1.87	1.25	29.01
2.1	14	0.93	1.37	1.27	29.22
2.4	13.7	0.83	1.16	1.27	29.35
2.7	12.1	0.83	1.09	1.22	29.4
3	10.9	0.66	1.13	1.14	29.55
3.3	10.4	0.62	1.24	1.05	29.71
3.6	10.1	0.75	1.42	1.07	29.91
3.9	9.7	0.77	1.7	1.17	30.01
4.2	9.8	0.64	2.16	1.24	29.75
4.5	10	0.57	2.78	1.26	29.15

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