

Main specifications

Parameters	Min	Typical	Max	Units
Frequency	DC	~	13	GHz
IL			2.8	dB
Coupling	8	10	12	dB
Directivity		Not have		dB
Main line VSWR			1.8	
Coupled line VSWR			1.8	

Other parameters

Connector	SMA-K
Connector material	Stainless steel
Impedance	50Ω
Surface	Conductive oxidation
Power Capacity	2W Design assurance
Shell Material	Aluminium
Operation Temp.	-40~+85°C Design assurance
Quality Grade	Industrial grade

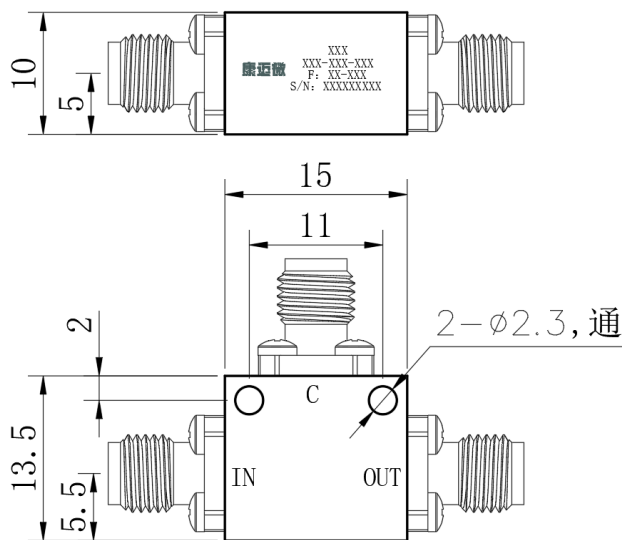
Port Definition

Input port	IN	OUT
Output port	OUT	IN
Coupling port	C	C

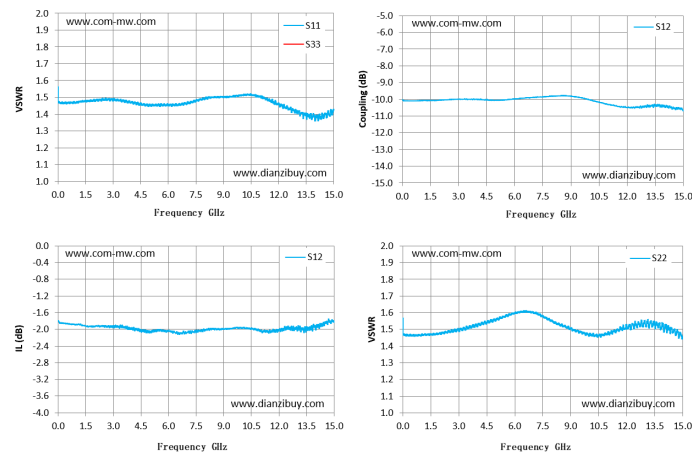
Reference picture



Configuration(mm)



Typical test curve



Note

- Clean the surface of the product, do not soak the product in cleaning solution for cleaning.
- If the temperature is higher than 125°C, consult with us before ordering.

Typical test data

Frequency GHz	S11 VSWR	S12 IL (dB)	S12 Coupling	S22 VSWR
0.01	1.45	-1.85	-10.04	1.45
1.07	1.47	-1.88	-10.08	1.47
2.14	1.49	-1.93	-10.04	1.48
3.21	1.49	-1.92	-10	1.5
4.29	1.46	-1.99	-10.03	1.53
5.36	1.45	-2.03	-10.05	1.58
6.43	1.46	-2.08	-9.94	1.6
7.5	1.48	-2.07	-9.85	1.58
8.57	1.5	-2	-9.79	1.52
9.64	1.51	-1.97	-9.93	1.47
10.71	1.51	-1.99	-10.22	1.47
11.79	1.46	-2.04	-10.46	1.51
12.86	1.42	-1.98	-10.46	1.52
13.93	1.39	-1.94	-10.39	1.52
15	1.43	-1.83	-10.7	1.46

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