

Product features

Broadband, high-power.

Main specifications

Parameters	Min	Typical	Max	Units
Frequency	6	~	18	GHz
IL			2.2	dB
Coupling	5	6	7	dB
Directivity	10			dB
Main line VSWR			1.5	
Coupled line VSWR			1.5	

Other parameters

Connector	SMA-K
Connector material	Stainless steel
Impedance	50Ω
Surface	Conductive oxidation
Power	20W
Shell Material	Aluminium
Work Temp.	-40~+85°C Design assurance

Port Definition

Input port	IN
Output port	OUT
Coupling port	-6dB

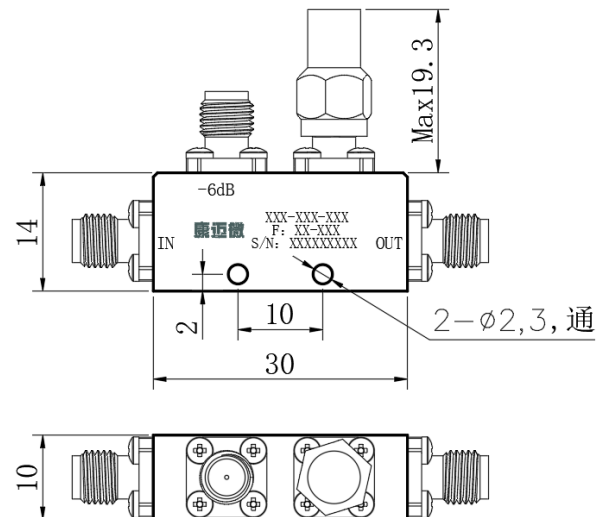
Typical test data

Frequency(GHz)	S11 VSWR	S33 VSWR	S12 IL dB	S13 coupling	S23 ISO dB
6	1.29	1.12	-1.6	-5.66	-24.21
6.86	1.28	1.17	-1.52	-5.83	-22.32
7.71	1.24	1.27	-1.46	-6.13	-21.47
8.57	1.2	1.28	-1.41	-6.32	-24.3
9.43	1.21	1.26	-1.38	-6.39	-29.87
10.29	1.22	1.27	-1.4	-6.35	-25.31
11.14	1.31	1.33	-1.47	-6.39	-24.62
12	1.34	1.26	-1.58	-6.44	-26.41
12.86	1.12	1.24	-1.54	-6.54	-24.43
13.71	1.15	1.47	-1.51	-6.64	-24.82
14.57	1.3	1.42	-1.59	-6.88	-33.57
15.43	1.23	1.13	-1.65	-6.48	-22.93
16.29	1.09	1.19	-1.75	-6.24	-18.29
17.14	1.22	1.31	-1.78	-6.17	-18.7
18	1.19	1.4	-1.76	-6.02	-23.15

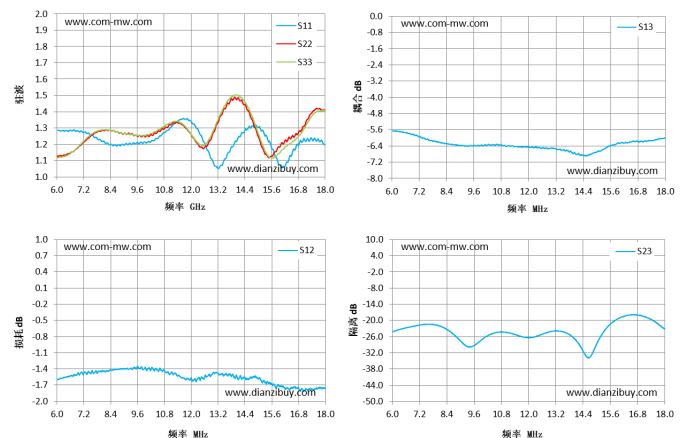
Reference picture



Configuration(mm)



Typical test curve



Note

1	Please do not wash the product in the cleaning solution.,Please do not wash the product in the cleaning solution.
2	If the temperature is higher than 125°C, consult with us before ordering.

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