

Product features

Broadband, high-power.

Main specifications

Parameters	Min	Typical	Max	Units
Frequency	6	~	18	GHz
IL			1	dB
Coupling	29	30	31	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	White
Power	30W Design assurance
Work Temp.	-40~+85°C Design assurance

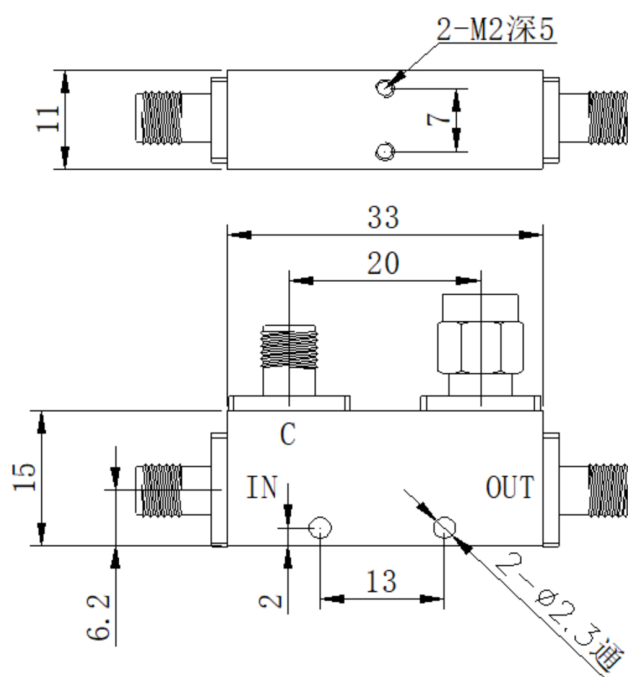
Port Definition

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

Reference picture



Configuration(mm)

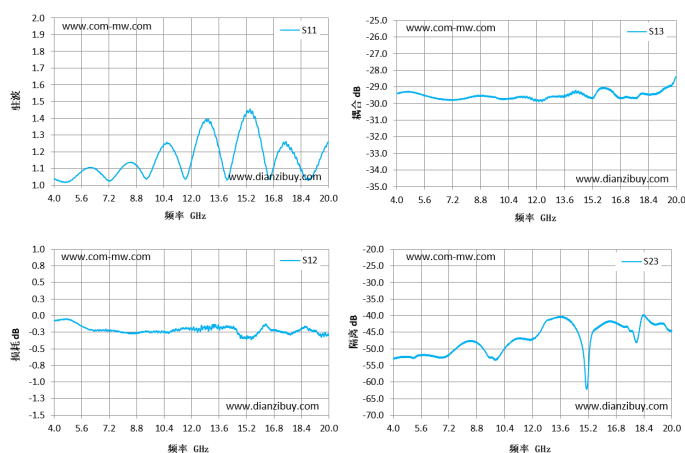


Note: The specifications and performance data contained in this data sheet are based on tests established by CMW.

Typical test data

Frequency(GHz)	S11 VSWR	S12 IL dB	S13 couplin g	S23 ISO dB
4	1.04	-0.08	-29.42	-53.02
5.14	1.04	-0.09	-29.38	-52.74
6.29	1.1	-0.22	-29.7	-52.21
7.43	1.04	-0.23	-29.78	-50.76
8.57	1.13	-0.27	-29.55	-47.71
9.71	1.09	-0.25	-29.66	-52.7
10.86	1.23	-0.23	-29.64	-47.56
12	1.14	-0.2	-29.84	-47.17
13.14	1.38	-0.21	-29.58	-40.98
14.29	1.09	-0.17	-29.35	-42.35
15.43	1.45	-0.33	-29.37	-45.42
16.57	1.04	-0.21	-29.55	-41.8
17.71	1.23	-0.28	-29.68	-44.6
18.86	1.03	-0.21	-29.42	-42.26
20	1.26	-0.29	-28.38	-44.7

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.