

Product features

Broadband, high-power.

Main specifications

Parameters	Min	Typical	Max	Units
Frequency	2	~	8	GHz
IL			0.8	dB
Isolation	20			dB
Input VSWR			1.3	
Output VSWR			1.3	
Amplitude balance			0.3	dB
Phase balance			5	°

Other parameters

Power	15W
way	2-way
Phase	0°
Impedance	50Ω
Connector	SMA-K
Connector material	Stainless steel
Product shell material	Aluminium
Work Temp.	-40~+85°C Design assurance

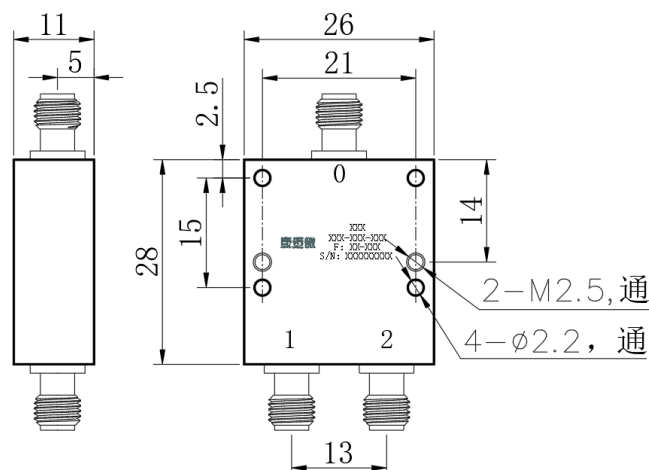
Port Definition

Common port	0
Dispatch Port	1,2

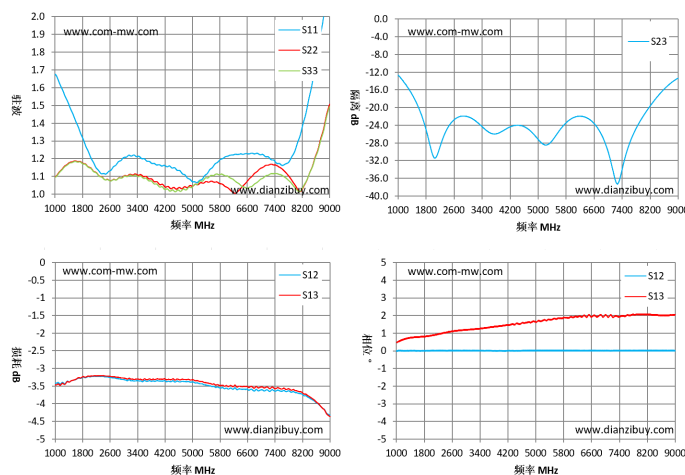
Reference picture



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.

Typical test data

Frequency(MHz)	S11 VS WR	S22 VS WR	S1 2 IL dB	S23 ISO dB	S13 Pha se (°)
1000	1.68	1.1	-3.4 2	-12. 71	0.46
1571	1.43	1.19	-3.3 3	-19. 75	0.78
2143	1.17	1.13	-3.2 3	-30. 23	0.92
2714	1.16	1.08	-3.2 7	-22. 21	1.14
3286	1.22	1.11	-3.3 6	-23. 51	1.24
3857	1.17	1.08	-3.3 5	-25. 85	1.38
4429	1.15	1.04	-3.3 5	-24. 01	1.53
5000	1.07	1.04	-3.3 8	-27. 19	1.64
5571	1.15	1.07	-3.5 2	-25. 65	1.8
6143	1.22	1.02	-3.5 8	-22	1.94
6714	1.23	1.1	-3.5 9	-24. 8	1.97
7286	1.2	1.17	-3.6 2	-37. 15	1.97
7857	1.2	1.09	-3.6 7	-23. 92	2.04
8429	1.57	1.13	-3.8 6	-17. 36	2.03
9000	2.23	1.51	-4.3 3	-13. 4	2.05

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