

Main specifications

Parameters	Min	Typical	Max	Units
Frequency	DC	~	18	GHz
IL			15	dB
Isolation	12			dB
Input VSWR			1.8	
Output VSWR			2	
Amplitude balance			±0.5	dB
Phase balance			±6	°

Other parameters

Power Capacity	0.5W Design assurance
X-Way	5-way
Phase	0°
Impedance	50Ω
Connector	SMA-K
Connector material	Stainless steel
Surface	Conductive oxidation
Operation Temp.	-40~+70°C Design assurance

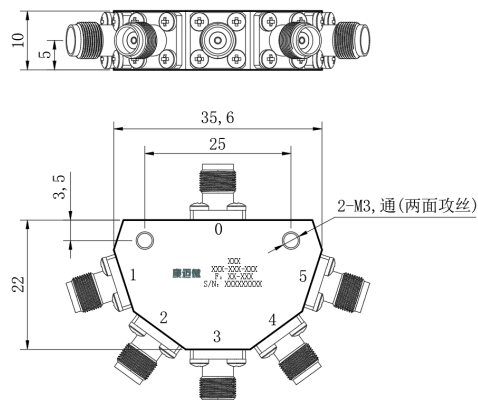
Port Definition

Common port	0
Dispatch Port	1,2,3,4,5

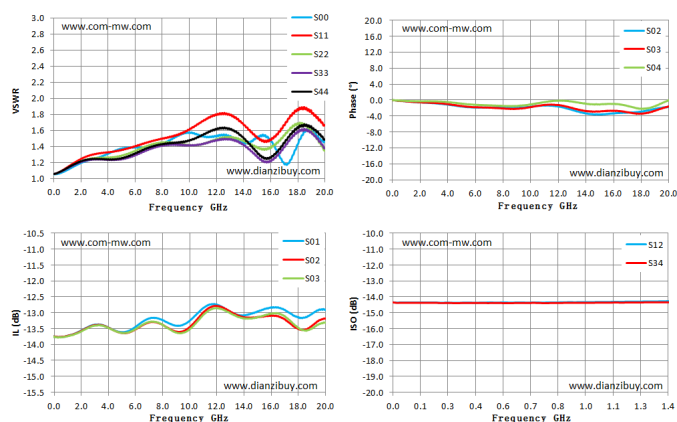
Reference picture



Configuration(mm)



Typical test curve



Note

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

Typical test data

Frequency GHz	S00 VSW R	S11 VSW R	S01 IL dB	S02 Phas e	S12 ISO
0.01	1.05	1.06	-13.7 4	0.07	-14. 34
1.44	1.15	1.19	-13.6 7	-0.38	-14. 27
2.87	1.24	1.30	-13.3 8	-0.71	-13. 96
4.29	1.33	1.33	-13.5 2	-1.28	-14. 04
5.72	1.39	1.39	-13.5 2	-1.80	-14. 06
7.15	1.40	1.46	-13.1 6	-1.83	-13. 84
8.58	1.48	1.53	-13.3 5	-1.97	-13. 89
10.01	1.58	1.61	-13.2 5	-1.62	-13. 70
11.43	1.52	1.76	-12.7 5	-1.41	-13. 50
12.86	1.54	1.80	-12.9 4	-2.35	-13. 96
14.29	1.44	1.64	-13.0 7	-3.50	-14. 22
15.72	1.52	1.46	-12.8 6	-3.43	-14. 26
17.14	1.18	1.71	-12.9 5	-3.12	-14. 73
18.57	1.59	1.86	-13.1 3	-2.54	-14. 76
20.00	1.47	1.66	-12.9 1	-1.73	-15. 02

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