

Main specifications

Parameters	Min	Typical	Max	Units
Frequency	17	~	40	GHz
IL			1.5	dB
IL			1.3	dB@17G-30G
Isolation	20			dB
Input VSWR			1.5	
Output VSWR			1.5	
Amplitude balance			0.8	dB
Phase balance			±6	°

Other parameters

Power	15W Design assurance
way	3-way
Phase	0°
Impedance	50Ω
Connector	2.92-K
Connector material	Stainless steel
Surface	Conductive oxidation
Product shell material	Aluminium
Work Temp.	-40~+85°C Design assurance

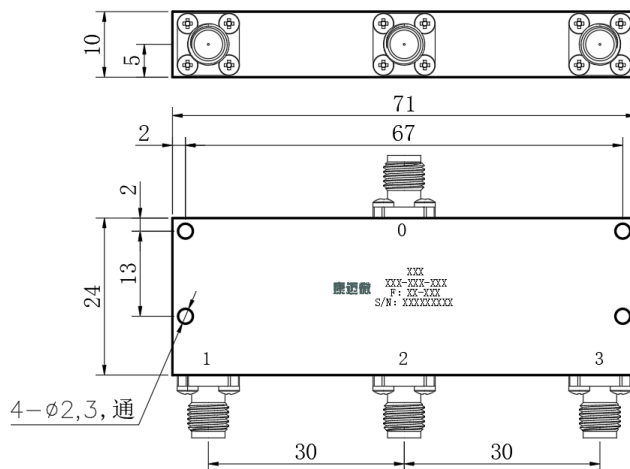
Port Definition

Common port	0
Dispatch Port	1~3

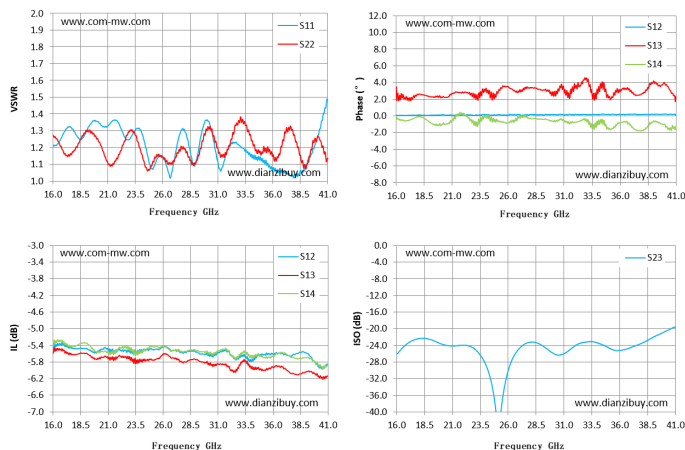
Reference picture



Configuration(mm)



Typical test curve



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

Typical test data

Frequency GHz	S11 VSW R	S12 IL (dB)	S13 Phase (°)	S23 ISO dB
16	1.21	-5.51	2.57	-26.1
17.79	1.31	-5.47	2.45	-22.5 6
19.57	1.35	-5.55	2.33	-23.2 3
21.36	1.36	-5.53	2.85	-24.1 2
23.14	1.26	-5.52	2.25	-25.2 3
24.93	1.08	-5.48	2.2	-40.5 6
26.71	1.02	-5.52	2.85	-25.8 6
28.5	1.19	-5.54	3.29	-23.3 8
30.29	1.34	-5.63	2.39	-26.2 8
32.07	1.21	-5.55	3.35	-24.0 5
33.86	1.16	-5.75	2.35	-23.3 3
35.64	1.08	-5.62	3.01	-25.2 6
37.43	1.04	-5.65	2.41	-24.1 6
39.21	1.12	-5.61	4	-21.8 5
41	1.49	-5.85	2.3	-19.7 3

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.

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