

Product features

Broadband, small volume.

Main specifications

Parameters	Min	Typical	Max	Units
Frequency	dc	~	50	ghz
IL			11	db
Isolation	11			db
Input VSWR			1.7	
Output VSWR			1.8	
Amplitude balance			0.5	db
Phase balance			6	°

Other parameters

Power	0.5W Design assurance
way	2-way
Phase	0°
Impedance	50Ω
Connector	2.4-k
Connector material	Stainless steel
Surface	Conductive oxidation
Work Temp.	-40~+85°C Design assurance
Quality Grade	Industrial grade

Port Definition

Common port	c
Dispatch Port	1, 2

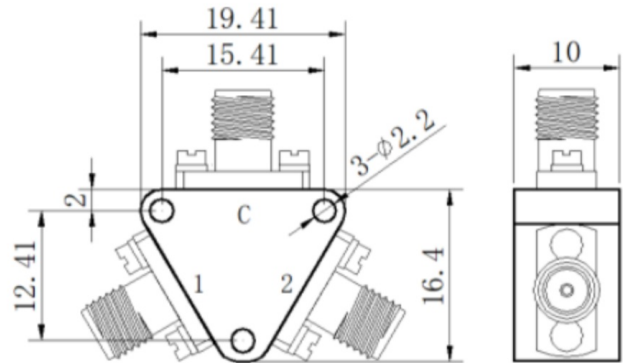
Typical test data

Frequency(GHz)	S11 VSWR	S22 VSWR	S12 IL dB	S13 Phase (°)	S23 ISO dB
0.01	1.32	1.25	-7.13	0.01	-12.89
3.58	1.4	1.28	-6.83	0.24	-12.82
7.15	1.48	1.23	-7.35	0.38	-12.72
10.72	1.45	1.07	-7.06	0.23	-12.3
14.29	1.52	1.07	-7.32	0.29	-12.71
17.86	1.53	1.23	-7.63	0.23	-13.56
21.43	1.22	1.5	-7.71	0.27	-14.55
25.01	1.1	1.66	-8.06	0.52	-15.84
28.58	1.09	1.63	-7.89	0.74	-15.2
32.15	1.16	1.42	-7.99	0.53	-15.18
35.72	1.42	1.12	-8.41	0.1	-16.34
39.29	1.38	1.46	-9.08	0.06	-18.22
42.86	1.29	1.54	-9.45	-0.87	-20.59
46.43	1.48	1.42	-9.87	-1.9	-21.88
50	1.39	1.45	-10.53	-3.46	-23.53

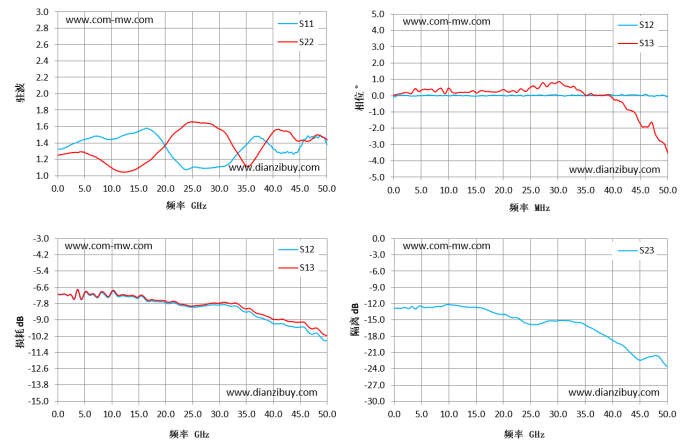
Reference picture



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.