

Main specifications

Parameters	Min	Typical	Max	Units
Frequency	3	~	18	GHz
IL			0.8	dB
Isolation	4	5		dB
Common port VSWR			1.4	
Branching port VSWR			4	
Amplitude balance			0.3	dB
Phase balance			5	°

Other parameters

Power Capacity	100W Design assurance
X-Way	2-way
Phase	0°
Impedance	50Ω
Public interface form	N-F
Allocation end interface form	SMA-F
Surface	Conductive oxidation
Product shell material	Aluminium
Operation Temp.	-40~+70°C Design assurance

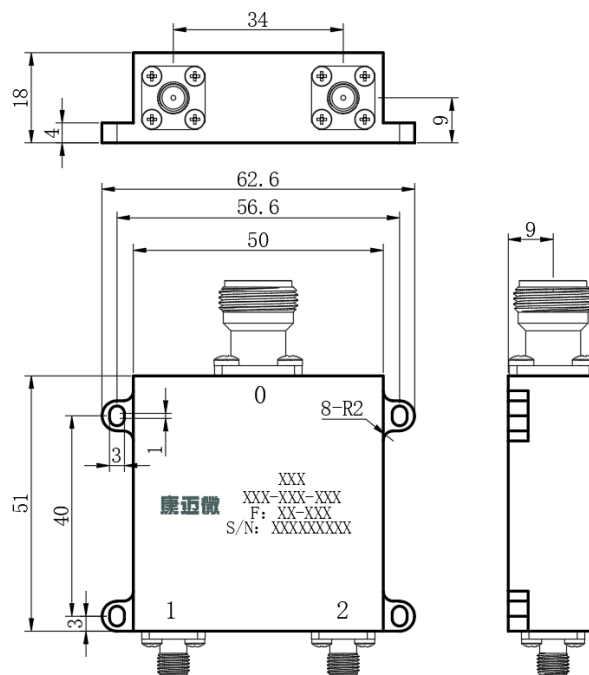
Port Definition

Common port	0(N-F)
Dispatch Port	1, 2(SMA-F)

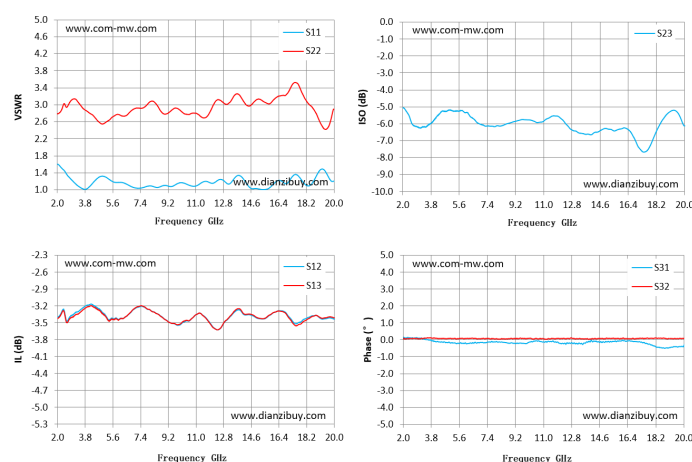
Reference picture



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.

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 IL (dB)	S23 ISO dB	S31 Phase
2	1.6	-3.39	-3.41	-5.07	0.13
3.29	1.12	-3.3	-3.34	-6.19	0.07
4.57	1.26	-3.23	-3.25	-5.26	-0.15
5.86	1.18	-3.42	-3.43	-5.28	-0.2
7.14	1.05	-3.23	-3.22	-6.09	-0.18
8.43	1.07	-3.33	-3.33	-6.1	-0.15
9.71	1.13	-3.53	-3.52	-5.77	-0.21
11	1.09	-3.36	-3.36	-5.87	-0.12
12.29	1.19	-3.61	-3.61	-5.86	-0.24
13.57	1.29	-3.3	-3.28	-6.6	-0.21
14.86	1.04	-3.4	-3.38	-6.3	-0.14
16.14	1.16	-3.31	-3.31	-6.25	-0.06
17.43	1.35	-3.51	-3.54	-7.68	-0.15
18.71	1.21	-3.37	-3.38	-5.66	-0.48
20	1.21	-3.43	-3.41	-6.14	-0.36

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