

Product features

Broadband, small volume.

Main specifications

Parameters	Min	Typical	Max	Units
Frequency	DC	~	6	GHz
IL			6.3	dB
Isolation	11.5			dB
Input VSWR			1.2	
Output VSWR			1.8	
Amplitude balance			0.2	dB
Phase balance			3	°

Other parameters

Power Capacity	1W Design assurance
way	2-way
Phase	0°
Impedance	50Ω
Connector	SMA-K
Connector material	Stainless steel
Product shell material	Aluminium
Operation Temp.	-40~+85°C Design assurance

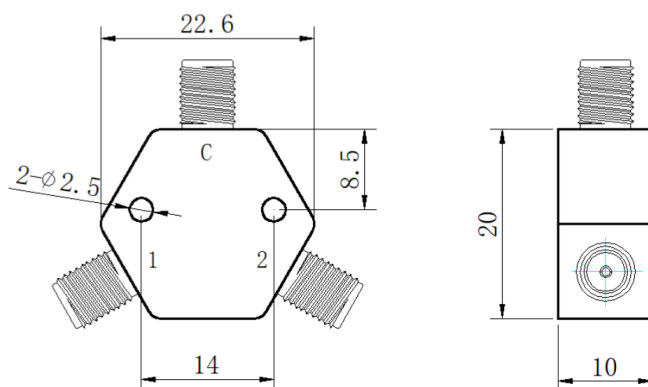
Port Definition

Common port	C
Dispatch Port	1, 2

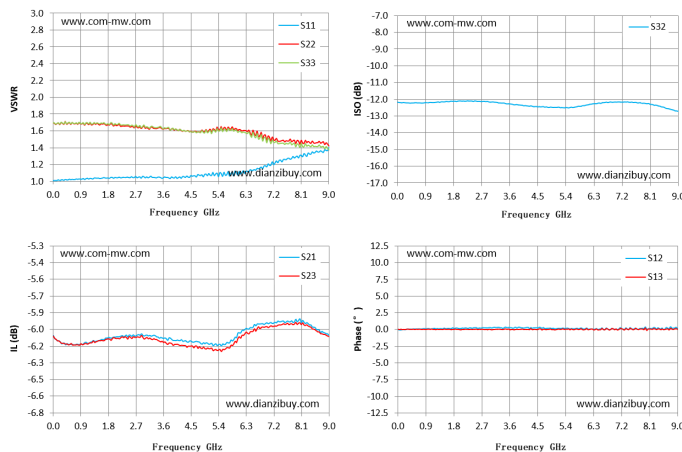
Reference picture



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 VS WR	S22 VS WR	S2 1 IL dB	S32 ISO dB	S13 Pha se (°)
0.01	1.01	1.69	-6.0 5	-12. 17	0.02
0.64	1.03	1.7	-6.1 4	-12. 22	-0.0 1
1.29	1.03	1.67	-6.1 1	-12. 17	0.01
1.93	1.05	1.69	-6.0 8	-12. 13	-0.0 1
2.57	1.06	1.65	-6.0 6	-12. 13	-0.0 4
3.21	1.06	1.65	-6.0 6	-12. 19	0.01
3.86	1.03	1.61	-6.0 8	-12. 32	
4.5	1.05	1.59	-6.1 44	-12. 44	-0.0 4
5.14	1.07	1.62	-6.1 3	-12. 49	
5.79	1.07	1.63	-6.1 2	-12. 45	0.05
6.43	1.11	1.61	-6 27	-12. 27	0.06
7.07	1.19	1.52	-5.9 4	-12. 16	-0.1
7.71	1.27	1.48	-5.9 3	-12. 22	0.05
8.36	1.33	1.47	-5.9 5	-12. 37	-0.0 5
9	1.4	1.42	-6.0 6	-12. 73	0.01

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.

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