

Product features

Broadband, absorption.

Tech specifications

Parameters	Min	Typical	Max	Units
Frequency	18	~	40	GHz
IL		4.5	6	dB
Ripple		3	4	dB
Isolation		60		dB
VSWR		2.2	2.5	

Other parameters

Switch way	SPDT
Switching characteristic	Electronic absorption switch
Switch time	80ns
Connector	2.92-F detachable, Pin 0.38mm
Connector material	Stainless steel
Impedance	50Ω
Surface	Gold-plating
Power Capacity	0.2W Design assurance
Working voltage	±5V
Working current	50mA
Operation Temp.	-40~+70°C Design assurance
Storage Temp.	-55~+85°C Design assurance

Truth table (1: 3.3~5V; 0: 0~0.8V)

Channel	J1	J2
C1	1	0

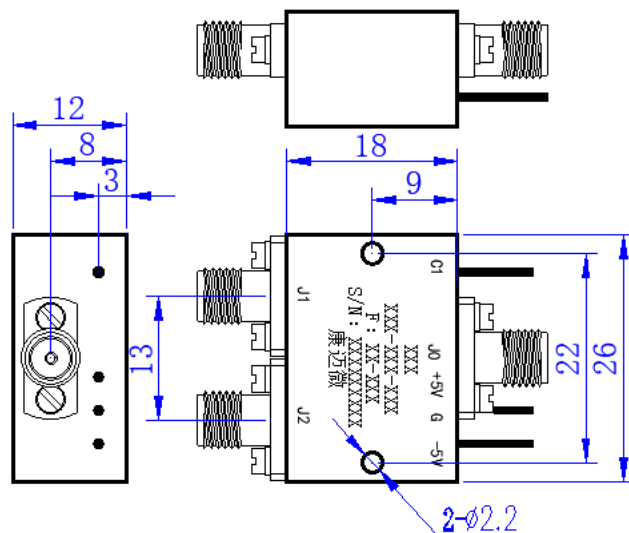
Port Definition

Common port	J0
Branching port	J1, J2

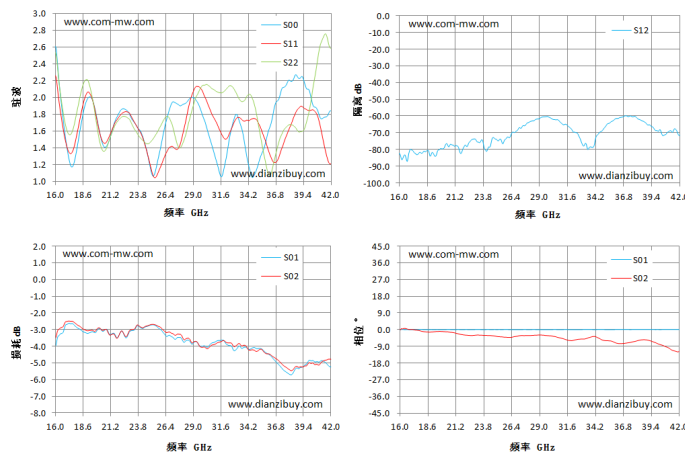
Reference picture



Configuration(mm)



Typical test curve



Note

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

Typical test data

Frequency (G)	Co mm on port VS WR	J1 VS W R	J2 VS W R	IL d B	IS O d B	P h a s e
16	2.61	2. 26	2. 54	-4 .0 5	-8 2. 3	0. 2 8
17.86	1.3	1. 48	1. 75	-2 .7 9	-8 1. 8 4	-0 .6 8
19.71	1.88	1. 87	1. 83	-3 .1 9	-8 0. 2	-0 .9 6
21.57	1.71	1. 7	1. 66	-3 .2 5	-8 0. 3 4	-2 .5 1
23.43	1.71	1. 72	1. 63	-3 .0 5	-7 5. 8 3	-2 .9 7
25.29	1.08	1. 05	1. 53	-2 .7 2	-7 4. 0 9	-3 .8 6
27.14	1.95	1. 41	1. 63	-3 .4 8	-6 7. 1 3	-3 .2 9
29	2	2. 07	1. 91	-3 .8 3	-6 1. 5 9	-2 .9 3
30.86	1.41	1. 79	2. 1	-3 .7 9	-6 2. 7 7	-4 .3 9
32.71	1.68	1. 66	2. 13	-4 .0 9	-7 2. 5 9	-5 .1 6
34.57	1.06	1. 75	2. 01	-4 .1 2	-7 0. 2 1	-4 .7 3

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

Frequency (G)	Co mm on port VS WR	J1 VS WR	J2 VS WR	IL dB	IS dB	P h a s e
36.43	1.73	1. 27	1. 13	-4 .6 3	-6 1. 0 4	-7 .5 3
38.29	2.19	1. 68	1. 68	-5 .7 2	-6 2. 0 3	-5 .7 8
40.14	2	1. 85	1. 96	-4 .8 7	-6 8. 3 3	-7 .9 5
42	1.84	1. 21	2. 59	-5 .2 3	-7 1. 5 4	-1 1. 7 2

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