

Product features

Broadband, Absorption

Tech specifications

Parameters	Min	Typical	Max	Units
Frequency	2	~	18	GHz
IL		2.5	3.3	dB
Isolation	60	70		dB
VSWR		1.6	1.9	

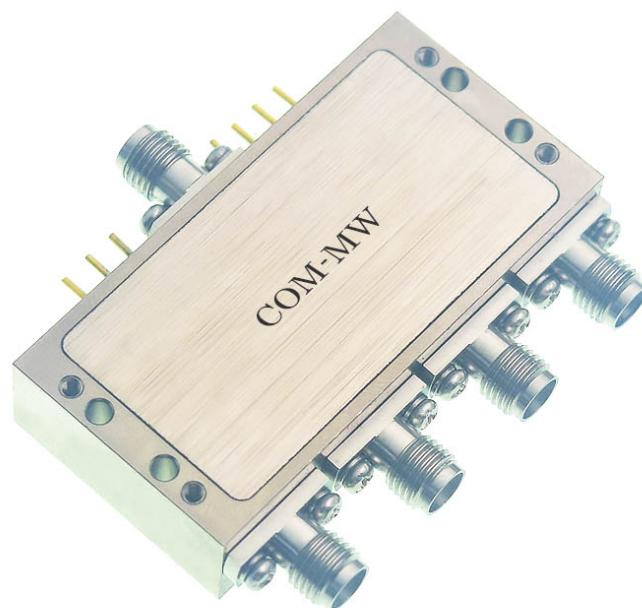
Other parameters

Switch way	SP4T
Switching characteristic	Electronic absorption switch
Switch time	100ns
Connector	SMA-K detachable, Pin 0.38mm
Connector material	Stainless steel
Impedance	50Ω
Power Capacity	0.2W
Working voltage	±5V
Working current	150mA@+5V;50mA@-5V
Operation Temp.	-40~+85°C Design assurance
Other	TTL level control: 0 on, 1 off.

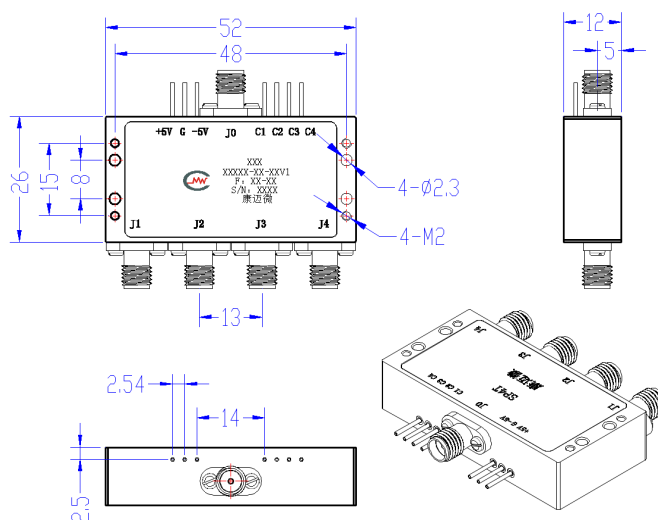
Port Definition

Common port	J0
Branching port	J1, J2, J3, J4

Reference picture



Configuration(mm)

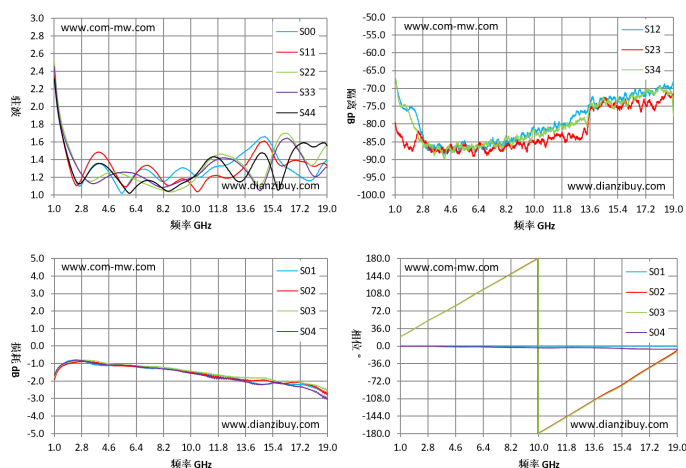


Note: The specifications and performance data contained in this data sheet are based on tests established by CMW.

Typical test data

	S00 VS WR	S11 VS WR	S0 1 IL dB	S0 3 IL dB	S12 ISO dB
1	2.3 1	2.3 5	-1. 69	-1. 8	-66. 87
2	1.3 7	1.3 2	-0. 84	-0. 92	-75. 48
4	1.3 5	1.4 8	-1. 1	-0. 91	-86. 07
5	1.1 4	1.2 5	-1. 1	-1. 05	-86. 31
6	1.1 5	1.1 3	-1. 13	-1. 1	-86. 66
7	1.2 9	1.3 3	-1. 27	-1. 17	-86. 06
9	1.2 6	1.1 4	-1. 36	-1. 31	-85. 45
10	1.2 6	1.1 2	-1. 52	-1. 44	-81. 27
11	1.2 5	1.1 5	-1. 6	-1. 53	-81. 06
13	1.4 1	1.2 3	-1. 86	-1. 8	-76. 53
14	1.5 4	1.4 3	-2. 08	-1. 84	-75. 4
15	1.6 5	1.5 9	-2. 19	-1. 85	-72. 75
16	1.3 6	1.3 2	-2. 14	-2. 04	-72. 56
18	1.1 7	1.3 3	-2. 34	-2. 2	-69. 78
19	1.3 9	1.3 3	-2. 72	-2. 51	-68. 24

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.