

Product features

Broadband, Absorption

Tech specifications

Parameters	Min	Typical	Max	Units
Frequency	2	~	18	GHz
IL		3.5	4.5	dB
Isolation	60	70		dB
VSWR		1.6	1.9	

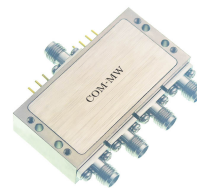
Other parameters

Switch way	SP4T
Switching characteristic	Electronic absorption switch
Switch time	100ns
Connector	SMA-F 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.

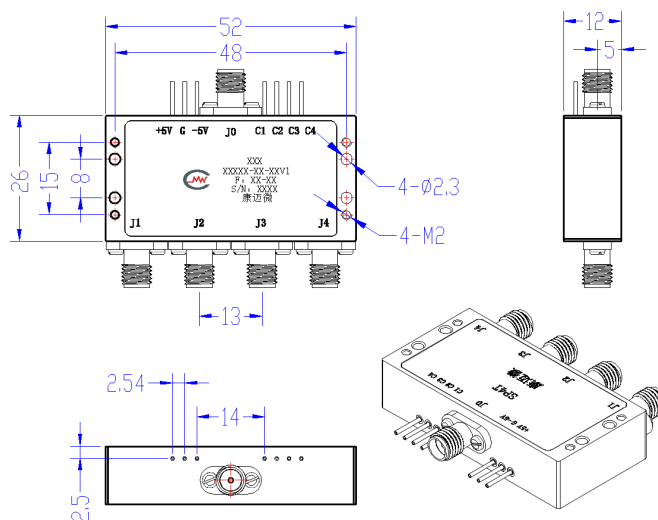
Port Definition

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

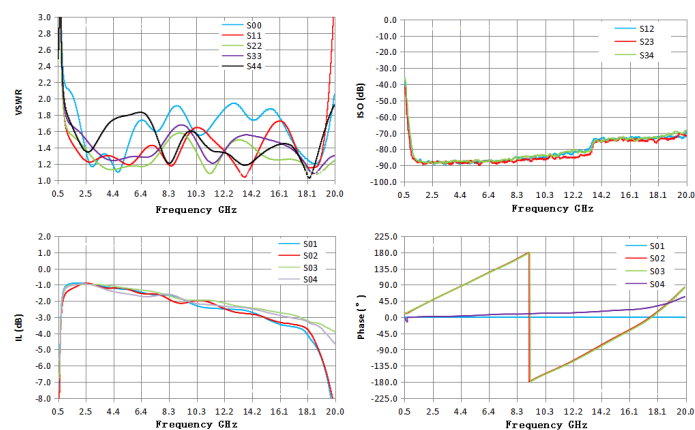
Reference picture



Configuration(mm)



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.

Typical test data

Frequency GHz	S00 VS WR	S11 VS WR	S0 1 IL dB	S12 ISO dB	S02 Ph ase °
0.50	4.6 7	3.3 7	-7. 34	-35. 94	9.9 7
1.89	1.8 4	1.3 5	-0. 90	-88. 57	36. 22
3.29	1.2 4	1.2 6	-1. 04	-89. 10	64. 19
4.68	1.1 0	1.2 6	-1. 25	-88. 11	90. 79
6.07	1.6 9	1.2 6	-1. 40	-87. 30	118 .32
7.46	1.5 9	1.4 0	-1. 65	-87. 11	144 .64
8.86	1.9 1	1.2 5	-1. 76	-85. 92	173 .94
10.25	1.5 7	1.6 5	-2. 31	-85. 09	-15 7.5 2
11.64	1.7 4	1.4 5	-2. 47	-82. 49	-13 2.2 0
13.04	1.9 4	1.1 8	-2. 53	-80. 53	-10 2.7 0
14.43	1.7 4	1.2 8	-2. 80	-74. 37	-71. 40
15.82	1.8 4	1.7 1	-3. 37	-73. 23	-41. 48
17.21	1.4 2	1.4 2	-3. 63	-72. 74	-9.7 1
18.61	1.2 0	1.1 6	-4. 75	-73. 39	33. 23
20.00	2.0 5	3.2 7	-9. 65	-68. 82	83. 99

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