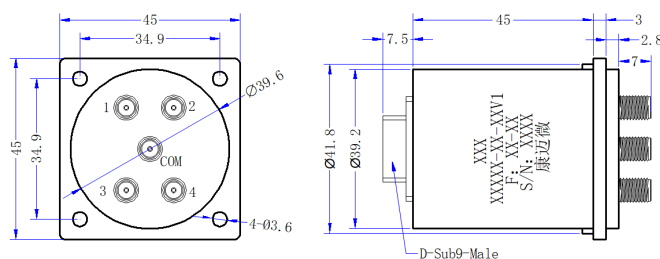
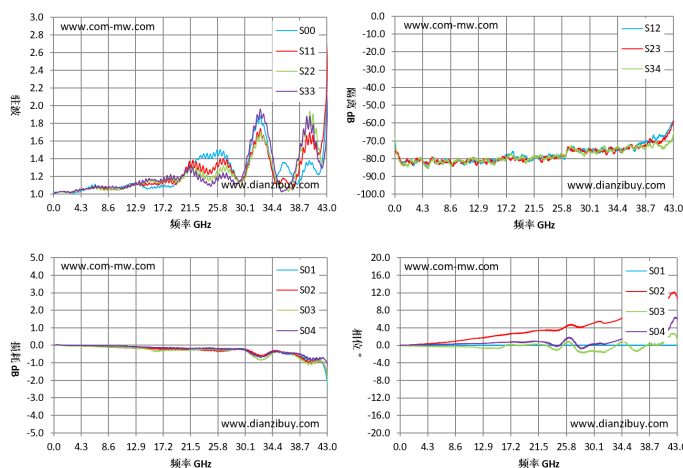
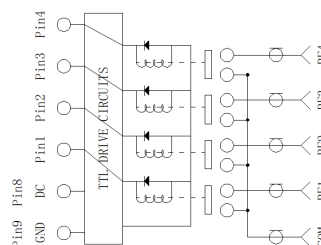


Tech specifications

Parameters	Min	Typical	Max	Units
Frequency	DC	~	40	GHz
IL			0.3@6GHz; 0.5@18GHz; 1.25@40GHz	dB
Isolation	70@6GHz; 60@18GHz; 50@40GHz			dB
VSWR			1.3@6GHz; 1.5@18GHz; 2@40GHz	

Other parameters

Switch way	SP4T
Control	TTL Control
Switching characteristic	Mechanical reflective switch
Switch time	15ms
Connector	2.92-K
Connector material	Stainless steel
Impedance	50Ω
Power Capacity	30W@6GHz; 15W@18GHz; 5W@40GHz
Working voltage	+12V
Working current	270mA
Operation Temp.	-40~+70°C Design assurance
Switching Lifetime	1 million Cycles
Other	Control port: D-Sub9 Male

Reference picture**Configuration(mm)****Typical test curve****Control circuit diagram****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.
- 3 D-Sub9 control pin definition, see product label for details.

Port Definition

Common port	COM
Branching port	1, 2, 3, 4

Typical test data

Frequency(GHz)	S00 VS WR	S11 VS WR	S0 1 IL dB	S12 ISO dB	S0 2 Ph ase
0.1	1.0 1	1.0 1	-0. 01	-71. 21	-0. 03
6	1.1	1.0 8	-0. 02	-79. 68	0.5 7
9	1.0 5	1.0 4	-0. 04	-83. 07	1
12	1.1 2	1.0 8	-0. 07	-81. 53	1.6 2
18	1.0 9	1.1 5	-0. 18	-77. 31	2.7 4
22	1.3 6	1.3 5	-0. 24	-78. 71	3.4
25	1.4 2	1.2 7	-0. 35	-78. 86	3.6 8
31	1.5 5	1.4 6	-0. 41	-76. 56	5.4 2
34	1.4 4	1.4	-0. 58	-75. 05	5.8 8
40	1.3 3	1.5 6	-0. 83	-67. 6	9.0 4
43	2.1 4	2.3	-2. 14	-58. 86	10. 88

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