

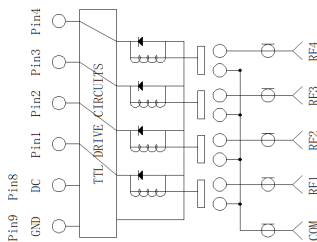
tech specifications

Parameters	Min	Typical	Max	Units
Frequency	DC	~	18	GHz
IL			0.3@6GHz; 0.5 @18GHz	dB
Isolation	70@6GHz ; 60 @18GHz			dB
VSWR			1.3@6GHz ; 1. 5@18GHz	

Other parameters

Switch way	SP4T
Control	TTL Control
Switching characteristic	Mechanical reflective switch
Switch time	15ms
Connector	SMA-K
Impedance	50Ω
Power	100W@3GHz ; 80W@6GHz ; 40W@18GHz
Working voltage	+24V
Working current	160mA
Work Temp.	-40~+85°C Design assurance
Other	Control port: D-Sub9 Male

Control circuit diagram



Port Definition

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

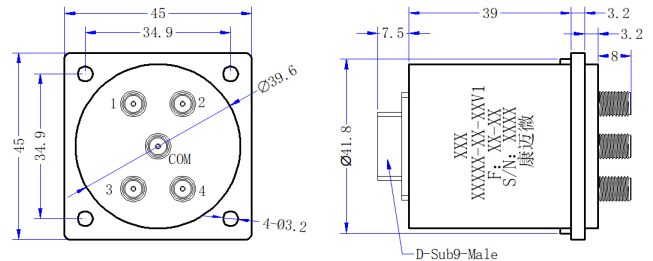
Typical test data

Frequency(GHz)	S00 VSWR	S11 VSWR	S01 IL dB	S12 ISO dB	S04 Phase
0.1	1.01	1.01	-0.01	-65.76	0.01
3.86	1.09	1.09	-0.04	-81.08	0.73
5.79	1.08	1.07	-0.05	-80.94	1.11
9.64	1.18	1.14	-0.15	-81.32	1.77
13.5	1.05	1.05	-0.25	-80.84	2.41
17.36	1.19	1.41	-0.35	-78.64	2.54
19.29	1.18	1.16	-0.44	-80.56	2.44
23.14	1.28	1.55	-0.54	-64.26	2.48

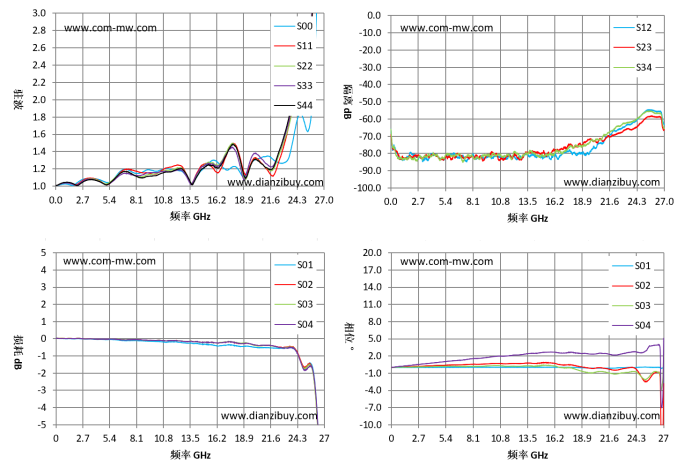
Reference picture



Configuration(mm)



Typical test curve



Note

1	Please do not wash the product in the cleaning solution.,Please do not wash the product in the cleaning solution.
2	If the temperature is higher than 125°C, consult with us before ordering.

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