

tech specifications

Parameters	Min	Typical	Max	Units
Frequency	DC	~	40	GHz
IL			0.3@6GHz; 0.5@18GHz; 1.5@40GHz	dB
Isolation	80@6GHz; 60@18GHz; 50@40GHz			dB
VSWR			1.2@6GHz; 1.5@18GHz; 2@40GHz	

Other parameters

Switch way	SP8T
Control	TTL Control
Switching characteristic	Mechanical reflective switch
Switch time	15ms
Connector	2.92-K
Connector material	Stainless steel
Impedance	50Ω
Power	20W@6GHz ; 12W@18GHz ; 5W@40GHz
Working voltage	+24V
Working current	160mA
Work Temp.	-40~+85°C Design assurance
Switching Lifetime	1 million Cycles
Other	控制接口:mini DB15-Female

Port Definition

Common port	COM
Branching port	1, 2, 3, 4, 5, 6, 7, 8

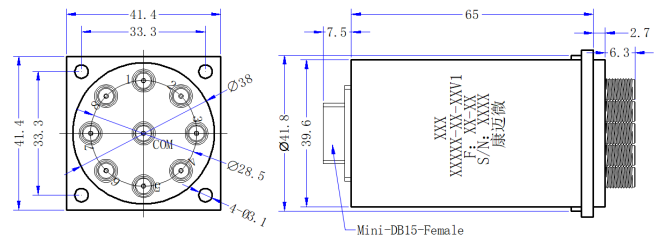
Typical test data

Frequency(GHz)	S00 VSWR	S11 VSWR	S01 IL dB	S12 ISO dB	S04 Phase z)
0.01	1.01	1.01	-0.01	-73.88	0.01
6	1.04	1.06	-0.02	-79.12	0.3
12	1.05	1.08	-0.09	-81.88	0.6
15	1.14	1.11	-0.21	-82.11	0.59
18	1.09	1.15	-0.19	-78.01	1.16
25	1.15	1.1	-0.25	-81.71	1.51
28	1.19	1.17	-0.37	-75.29	1.47
34	1.3	1.33	-0.68	-76.79	2.07
40	1.33	1.47	-0.92	-73.62	3.46
43	3.48	2.58	-3.37	-69.65	2.98

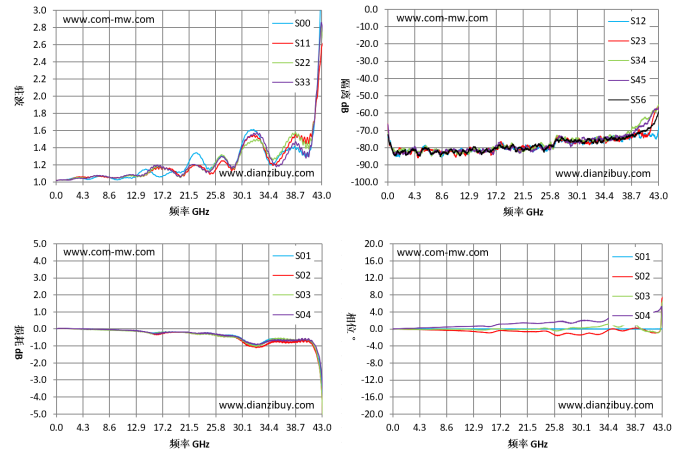
Reference picture



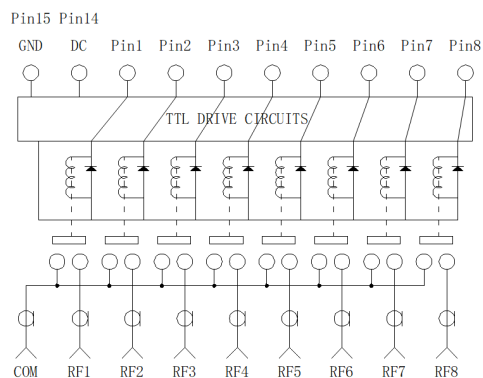
Configuration(mm)



Typical test curve



Control circuit diagram



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.