

Tech specifications

Parameters	Min	Typical	Max	Units
Frequency	0.5	~	30	GHz
IL		3	4.5	dB
Isolation	50			dB
VSWR		2	2.2	

Other parameters

Switch way	SPDT
Switching characteristic	Electronic reflective switch
Switch time	200ns
Connector	2.92-F detachable, Pin 0.3mm
Connector material	Stainless steel
Impedance	50Ω
Power Capacity	1W
Product shell material	Aluminium
Working voltage	±5V
Working current	10mA single circuit
Operation Temp	-40~+85°C Design assurance

Truth table

	C1	C2
Select J0-J1	1	0
Select J0-J2	0	1

Port Definition

Common port	J0
Branching port	J1 , J2

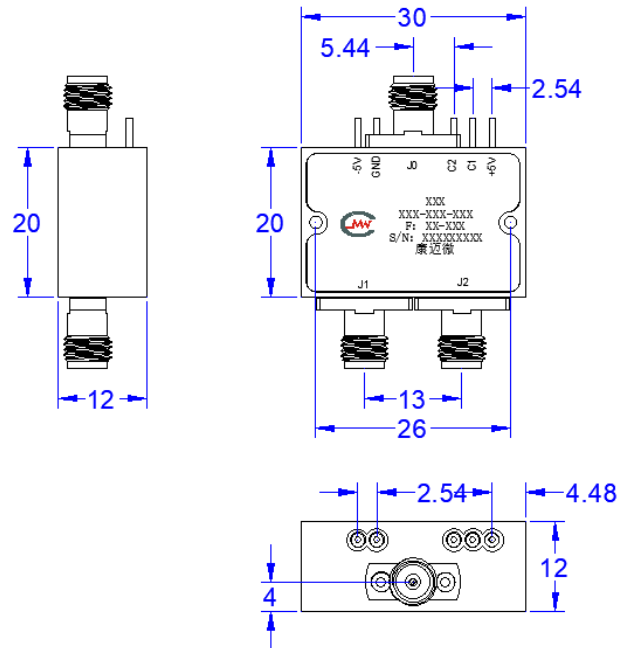
Typical test data

Frequency GHz	S11 VSWR	S22 VSWR	S12 IL (dB)	S13 IL (dB)	S12 Rejection
0.01	2.68	2.61	-9.44	-8.87	-79.38
2.21	1.15	1.12	-1.05	-1.04	-66.01
4.43	1.3	1.31	-1.26	-1.24	-65.72
6.64	1.44	1.42	-1.6	-1.58	-63.9
8.86	1.64	1.65	-1.91	-1.89	-59.29
11.07	1.86	1.85	-1.98	-1.97	-60.59
13.29	1.47	1.45	-2.11	-2.08	-69
15.5	1.58	1.58	-2.16	-2.17	-73.25
17.71	1.74	1.73	-2.32	-2.29	-73.06
19.93	1.42	1.49	-2.66	-2.68	-64.52
22.14	1.34	1.19	-2.63	-2.49	-74.35
24.36	1.79	1.44	-2.87	-2.57	-76.26
26.57	2	1.55	-3.66	-2.99	-74.41
28.79	1.46	1.63	-3.09	-3.19	-64.32
31	1.44	1.46	-3.71	-3.9	-54.67

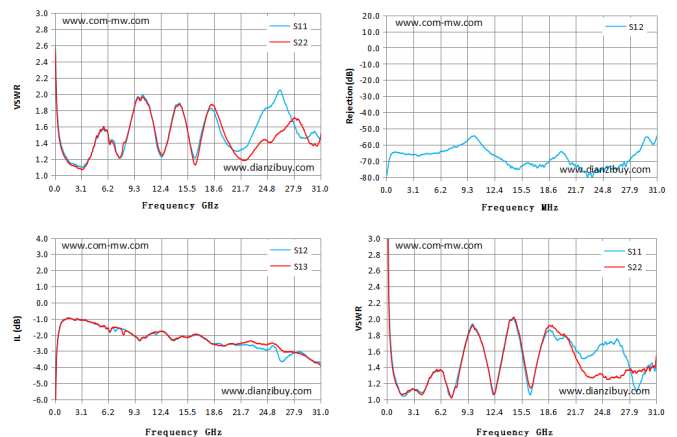
Reference picture



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.