

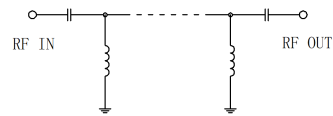
Main specifications

Parameters	Frequency	/	Min	Typical	Max	Units
Passband	/	/	6000	~	18000	MHz
Passband IL	/	/			2.0	dB
Rejection	DC-5300	MHz≥	50			dB
Passband VSWR	/	/			1.8	

Other parameters

Connector	SMA-K
Connector material	Housing 304 stainless steel
Impedance	50Ω
Surface	silver-plate
Power Capacity	10W Design assurance
Operation Temp	-40~+70°C Design assurance

Functional diagram



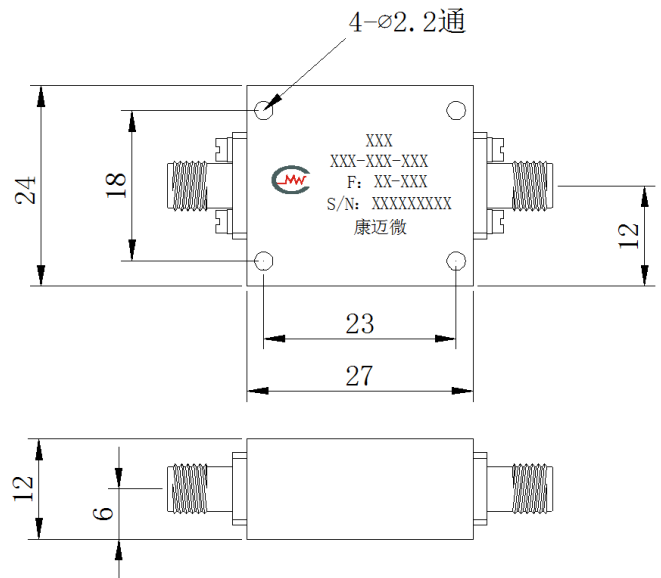
Typical test data

Frequency(GHz)	S11 VSWR	S22 VSWR	S12 Rej.	S21 IL dB	S12 Delay nS
1	746.93	1529.92	-71.37	-71.92	9.47
2.29	141.24	152.97	-65.43	-70.85	-7.68
3.57	62.96	66.26	-65.85	-64.78	2.86
4.86	53.03	71.1	-60.71	-59.6	2.43
6.14	1.52	1.56	-0.8	-0.8	0.61
7.43	1.12	1.13	-0.3	-0.3	0.27
8.71	1.09	1.11	-0.34	-0.21	0.24
10	1.39	1.36	-0.4	-0.41	0.07
11.29	1.32	1.28	-0.22	-0.12	0.25
12.57	1.12	1.13	-0.3	-0.05	0.19
13.86	1.39	1.39	-0.27	-0.33	0.07
15.14	1.3	1.34	-0.18	-0.19	0.16
16.43	1.16	1.11	-0.54	-0.12	0.16
17.71	1.59	1.64	-0.13	-0.47	0.35
19	1.42	1.48	-0.2	-0.47	0.12

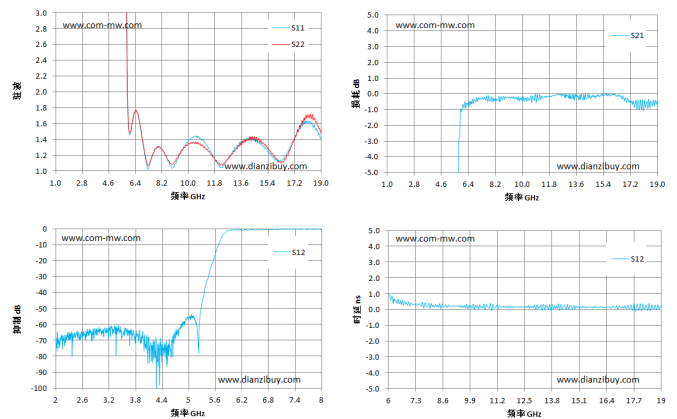
Reference picture



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.