

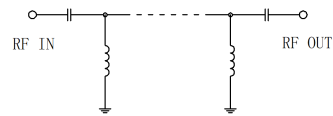
Main specifications

Parameters	Frequency	/	Min	Typical	Max	Units
Passband	/	/	10000	~	18000	MHz
Passband IL	/	/			2.0	dB
Rejection	DC-8500	MHz≥	40			dB
Passband VSWR	/	/			1.8	

Other parameters

Connector	SMA-K
Connector material	Housing 304 stainless steel
Impedance	50Ω
Surface	White
Power Capacity	20W Design assurance
Operation Temp	-10~+45°C Design assurance

Functional diagram



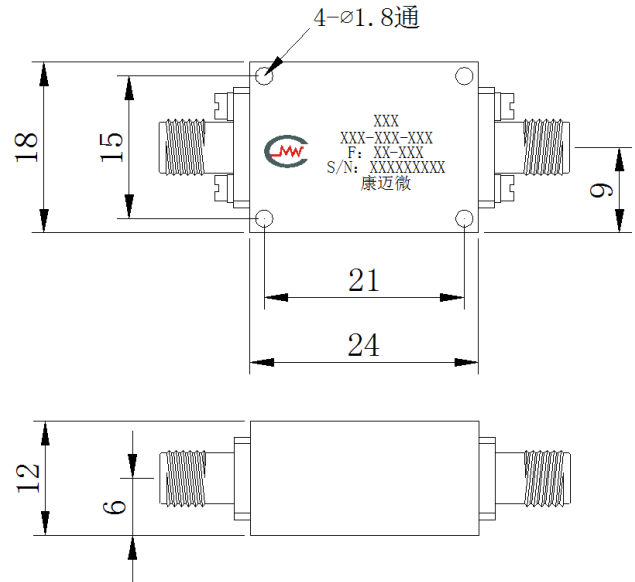
Typical test data

Frequency(GHz)	S11 VSWR	S22 VSWR	S12 Rej.	S21 IL dB	S12 Delay nS
2	275.56	311.39	-71.42	-90.1	-1.43
3.21	282	398.96	-76.15	-82.33	23.31
4.43	176.7	197.03	-68.85	-71.97	8.26
5.64	200.18	1044.59	-70.86	-69.78	23.84
6.86	137.05	783.69	-83.09	-80.03	-14.57
8.07	100.4	118.63	-74.59	-71.03	1.37
9.29	17.6	18.56	-19.49	-18.46	0.58
10.5	1.71	1.69	-0.81	-0.76	0.31
11.71	1.18	1.09	-0.79	-0.24	0.27
12.93	1.31	1.31	-0.32	-0.02	0.39
14.14	1.38	1.41	-0.18	-0.27	0.38
15.36	1.43	1.37	-0.45	-0.19	0.12
16.57	1.46	1.51	-0.1	-0.56	0.15
17.79	1.65	1.7	-0.52	-0.99	0.03
19	1.34	1.23	-0.74	-0.12	0.17

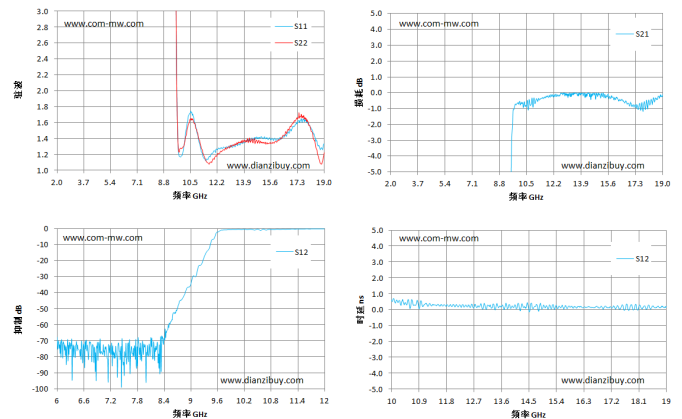
Reference picture



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.