

Main specifications

Parameters	Frequency	/	Min	Typical	Max	Units
Passband	/	/	DC	~	100	MHz
Passband IL	/	/			1.6	dB
Ripple	/	/			1.3	dB
Rejection	125-500	MHz $\geq$	40			dBc
Passband VSWR	/	/			1.5	

Other parameters

Connector	SMA-K
Impedance	50 Ω
Surface	silver-plate
Power Capacity	2W Design assurance
Operation Temp.	-40~+70°C Design assurance
Storage Temp.	-55~+85°C Design assurance

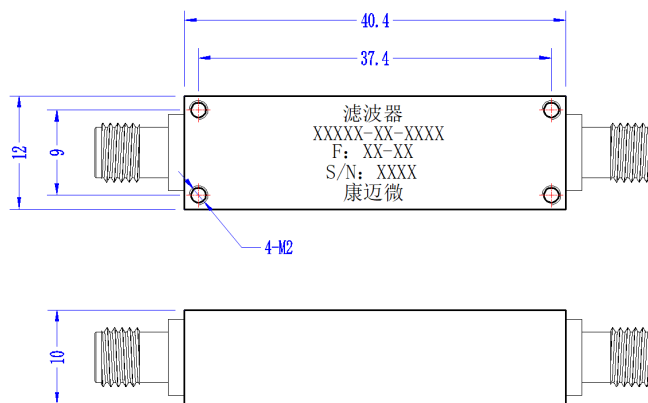
Functional diagram



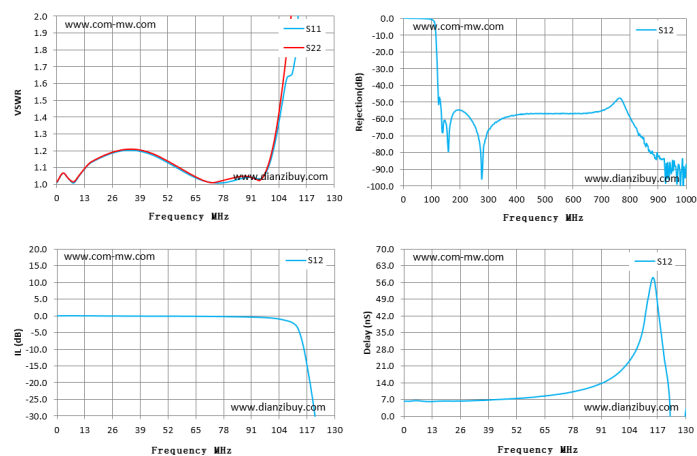
Reference picture



Configuration(mm)



Typical test curve



Note

- 1 Clean the surface of the product, do not soak the product in cleaning solution for cleaning.

Typical test data

Frequency MHz	S11 VSWR	S22 VSWR	S12 IL dB	S12 Rej.	S12 Delay nS
0.01	1.01	1.01	-0.06	-0.06	6.25
9.00	1.01	1.02	-0.05	-0.05	6.34
19.00	1.14	1.15	-0.08	-0.08	6.31
28.00	1.19	1.20	-0.13	-0.13	6.33
37.00	1.20	1.21	-0.15	-0.15	6.57
46.00	1.17	1.18	-0.16	-0.16	7.06
56.00	1.11	1.11	-0.18	-0.18	7.57
65.00	1.05	1.06	-0.20	-0.20	8.22
74.00	1.01	1.01	-0.25	-0.25	9.34
84.00	1.02	1.04	-0.33	-0.33	11.16
93.00	1.04	1.03	-0.47	-0.47	14.34
102.00	1.15	1.17	-0.71	-0.71	19.08
111.00	1.66	2.11	-2.15	-2.15	35.98
121.00	15.03	28.38	-27.61	-27.61	23.76
130.00	31.10	52.98	-47.21	-47.21	-24.28

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