

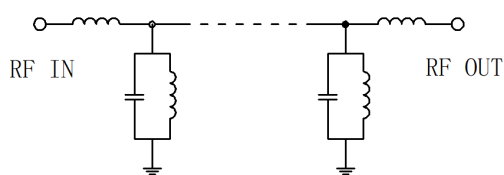
Main specifications

Parameters	Frequency	/	Min	Typical	Max	Units
Passband	/	/	26	~	32	GHz
Passband IL	/	/			2	dB
Ripple	/	/			1	dB
Rejection	DC-24	GHz $\geq$	65			dB
Rejection	34-48	GHz $\geq$	65			dB
Passband VSWR	/	/			2	

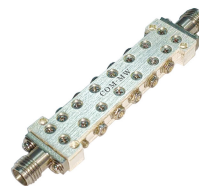
Other parameters

Connector	2.92-K detachable, Pin 0.3mm
Connector material	Stainless steel
Impedance	50 Ω
Surface	Silver plating
Power	10W Design assurance
Work Temp.	-40~+70°C Design assurance
Storage Temp.	-55~+85°C Design assurance
Quality Grade	Industrial grade

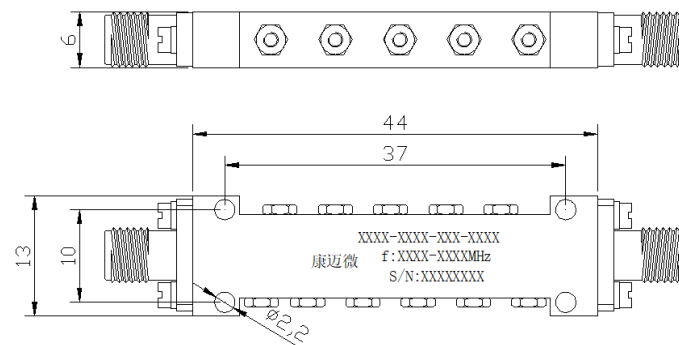
Functional diagram



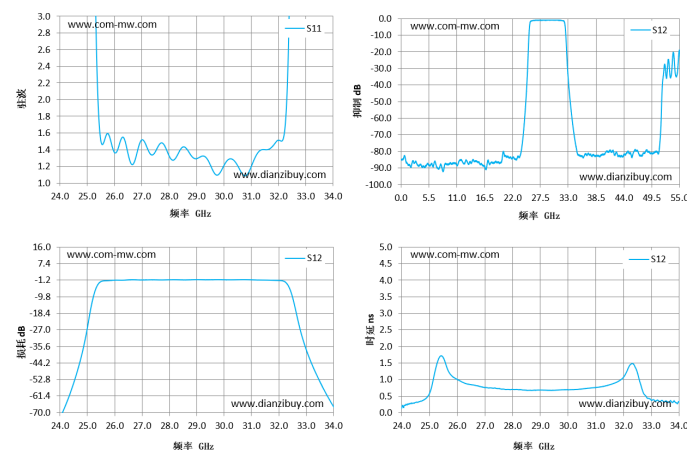
Reference picture



Configuration(mm)



Typical test curve



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.

Typical test data

Frequency(GHz)	S11 VSWR	S12 IL dB	S12 Delay nS
24	29.24	-72.69	0.14
24.71	22.45	-44.84	0.34
25.43	1.73	-2.7	1.71
26.14	1.42	-1.16	0.94
26.86	1.41	-1.03	0.78
27.57	1.42	-1.02	0.71
28.29	1.33	-0.96	0.69
29	1.29	-0.9	0.68
29.71	1.09	-0.91	0.68
30.43	1.24	-0.96	0.71
31.14	1.3	-1.05	0.77
31.86	1.47	-1.26	0.97
32.57	10.92	-13.45	0.97
33.29	25.44	-47.21	0.34
34	15.82	-66.62	0.34

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