

Main specifications

Parameters	Frequency	/	Min	Typical	Max	Units
Passband	/	/	300	~	1000	MHz
Passband IL	/	/			2.5	dB
Ripple					2	dB
Rejection	DC-240	MHz $\geq$	50			dB
Rejection	1080-6000	MHz $\geq$	50			dB
Passband VSWR	/	/			1.5	

Other parameters

Connector	SMA-F
Impedance	50 Ω
Surface	silver-plate
Power Capacity	1W Design assurance
Operation Temp.	-40~+70°C Design assurance
Storage Temp.	-55~+85°C Design assurance
Quality Grade	Industrial grade

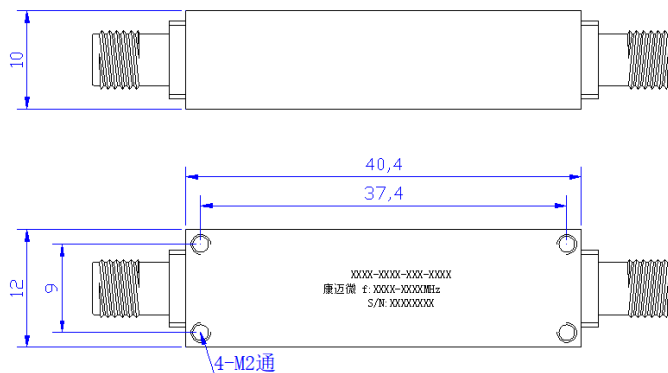
Functional diagram



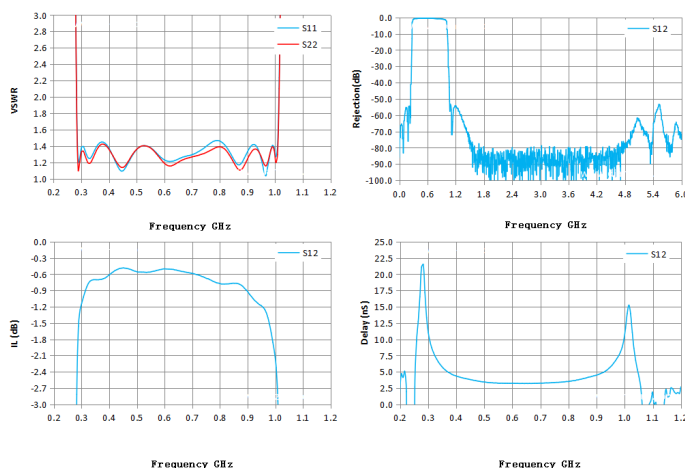
Reference picture



Configuration(mm)



Typical test curve



Note

- Clean the surface of the product, do not soak the product in cleaning solution for cleaning.
- If the temperature is higher than 125°C, consult with us before ordering.

Typical test data

Frequency GHz	S11 VSWR	S22 VSWR	S12 IL (dB)	S12 Delay (ns)
0.20	48.01	50.61	-59.03	0.94
0.27	14.26	14.12	-20.45	12.74
0.34	1.27	1.21	-0.71	6.50
0.41	1.32	1.31	-0.58	4.24
0.49	1.30	1.31	-0.53	3.50
0.56	1.36	1.35	-0.55	3.25
0.63	1.21	1.16	-0.51	3.20
0.70	1.29	1.26	-0.58	3.26
0.77	1.44	1.35	-0.71	3.40
0.84	1.33	1.29	-0.78	3.77
0.91	1.37	1.29	-0.97	4.59
0.99	1.35	1.35	-1.68	8.05
1.06	15.14	19.40	-36.36	2.65
1.13	16.80	37.14	-69.19	-12.36
1.20	22.28	46.97	-54.18	1.67

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