

Main specifications

Parameters	Frequency	/	Min	Typical	Max	Units
Passband	/	/	3000	~	6000	MHz
Passband IL	/	/			2.5	dB
Ripple	/	/			1	dB
Rejection	DC-2500	MHz $\geq$	40			dB
Rejection	7000-12000	MHz $\geq$	40			dB
Passband VSWR	/	/			1.6	

Other parameters

Connector	SMA-K detachable, Pin 0.5mm
Impedance	50 Ω
Surface	Silver plating
Power	2W Design assurance
Work Temp.	-40~+70°C Design assurance
Storage Temp.	-55~+85°C Design assurance
Quality Grade	Industrial grade

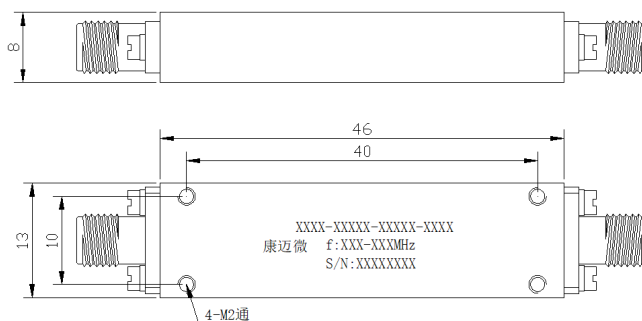
Functional diagram



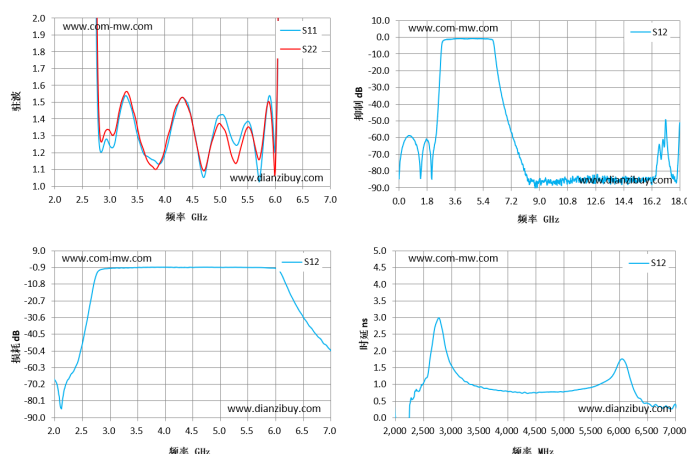
Reference picture



Configuration(mm)



Typical test curve



Note

- Please do not wash the product in the cleaning solution.,Please do not wash the product in the cleaning solution.
- 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
2	84.23	41.82	-67.19	0.19
2.36	33.88	55.22	-61.85	0.8
2.71	4.72	6.98	-11.72	2.7
3.07	1.23	1.3	-1.4	1.38
3.43	1.42	1.45	-1.19	0.95
3.79	1.16	1.11	-0.9	0.83
4.14	1.37	1.39	-0.94	0.77
4.5	1.39	1.38	-1.01	0.74
4.86	1.28	1.26	-0.87	0.77
5.21	1.29	1.19	-0.94	0.82
5.57	1.35	1.33	-1.04	0.94
5.93	1.51	1.45	-1.37	1.38
6.29	20.72	41.93	-17.74	0.75
6.64	24.71	106.95	-36.38	0.38
7	20.52	119.97	-49.82	0.4

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