

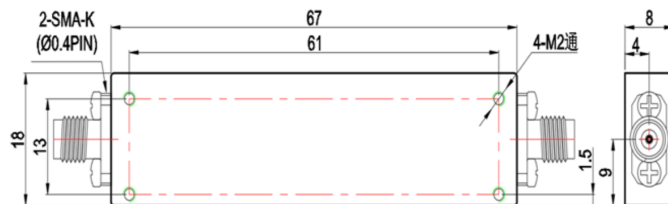
Main specifications

Parameters	Frequency	/	Min	Typical	Max	Units
Passband	/	/	5	~	7	GHz
Passband IL	/	/			1.5	dB
Ripple	/	/			0.8	dB
Rejection	DC-4.8	GHz $\geq$	35			dB
Rejection	7.2-16	GHz $\geq$	35			dB
Passband VSWR	/	/			1.5	

Reference picture



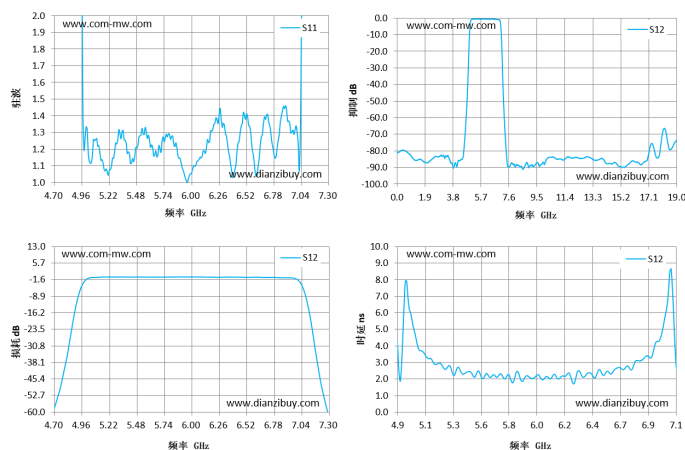
Configuration(mm)



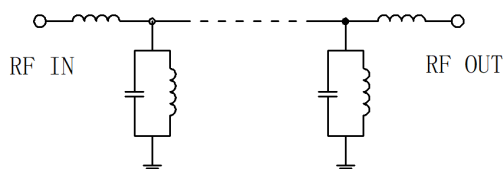
Other parameters

Connector	SMA-K detachable, Pin 0.38mm
Connector material	Stainless steel
Impedance	50 Ω
Surface	Silver plating
Power	20W Design assurance
Work Temp.	-40~+70°C Design assurance
Storage Temp.	-55~+85°C Design assurance

Typical test curve



Functional diagram



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	S12 IL dB	S12 Delay nS
4.7	47.77	-57.85	-0.83
4.89	24.72	-15.69	4.64
5.07	1.26	-0.67	3.76
5.26	1.15	-0.51	2.7
5.44	1.14	-0.51	2.4
5.63	1.21	-0.51	2.1
5.81	1.28	-0.5	1.79
6	1.06	-0.47	2.25
6.19	1.31	-0.55	2.15
6.37	1.11	-0.53	2.12
6.56	1.3	-0.6	2.48
6.74	1.34	-0.67	2.57
6.93	1.36	-0.84	4.01
7.11	23.71	-15.91	2.47
7.3	37.39	-62.86	0.46

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