

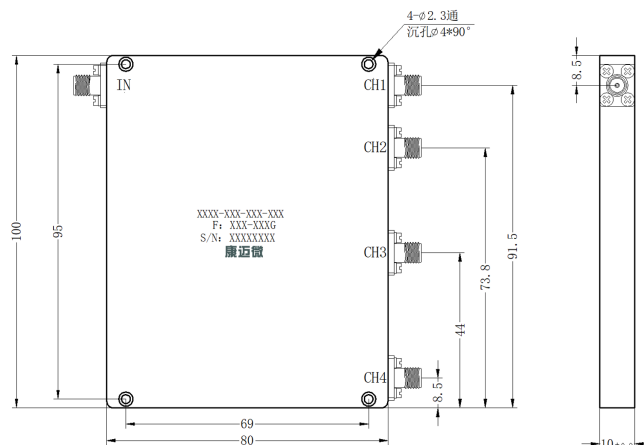
Main specifications

Parameters	Frequency		Min	Typical	Max	Units
Passband F1			8.3	~	17.7	GHz
Passband F2			4.2	~	7.8	GHz
Passband F3			2.1	~	3.8	GHz
Passband F4			1.1	~	1.8	GHz
I/O VSWR				1.8	2.0	
Frequency offset at the intersection of passband 1 and passband 2	8000±100					MHz
Frequency offset at the intersection of passband 2 and passband 3	4000±100					MHz
Frequency offset at the intersection of passband 2 and passband 3	2000±100					MHz
Intersection loss	8±0.1&4±0.1&2±0.1G	GHz≥			5.5	dB
Frequency 1 IL	8.3-17.7	GHz≥		1.5	2	dB
Frequency 2 IL	4.2-7.8	GHz≥		1.2	1.8	dB
F3 IL	2.1-3.8	GHz≥		1.2	1.5	dB
F4 IL	1.1-1.8	GHz≥		0.8	1.0	dB
Band 1 Rejection	DC-7.5	GHz≥	70			dB
Band 1 Rejection	7.6	GHz≥	55			dB
band 2 Rejection	3.2&9.3	GHz≥	55			dB
band 2 Rejection	DC-2.6&10-18	GHz≥	70			dB

Reference picture



Configuration(mm)



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.

Parameters	Frequency		Min	Typical	Max	Units
band 3 Rejection	1.6&5.5	GHz	55			dB
band 3 Rejection	DC-1.3&6-18	GHz	70			dB
band 4 Rejection	0.57&2.83	GHz	55			dB
band 4 Rejection	DC-0.5&3-18	GHz	70			dB

Other parameters

Connector	SMA-K
Connector material	Stainless steel
Impedance	50Ω
Surface	Grey
Power Capacity	5W Design assurance
Shell Material	Aluminium
Operation Temp.	-55~+85°C

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