

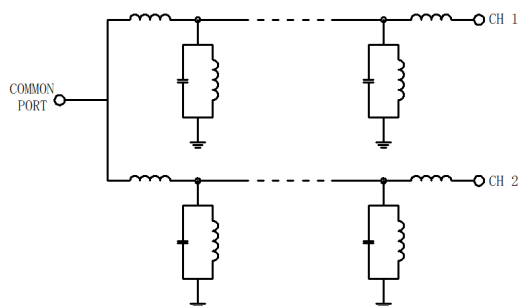
Main specifications

Parameters	Frequency	/	Min	Typical	Max	Units
Passband F1	/	/	DC	~	7.2	GHz
Passband F2	/	/	8.4	~	23	GHz
band 1 IL	/	/			3	dB
band 2 IL	/	/			3	dB
Passband VSWR	/	/			2	
Band 1 Rejection	8.4-23	GHz	≥50			dB
band 2 Rejection	4-7.5	GHz	≥50			dB

Other parameters

Connector	SMA-F or K
Connector material	Stainless steel
Impedance	50Ω
Surface	silver-plate
Power Capacity	5W Design assurance
Product shell material	Aluminium
Operation Temp.	-40~+70°C Design assurance

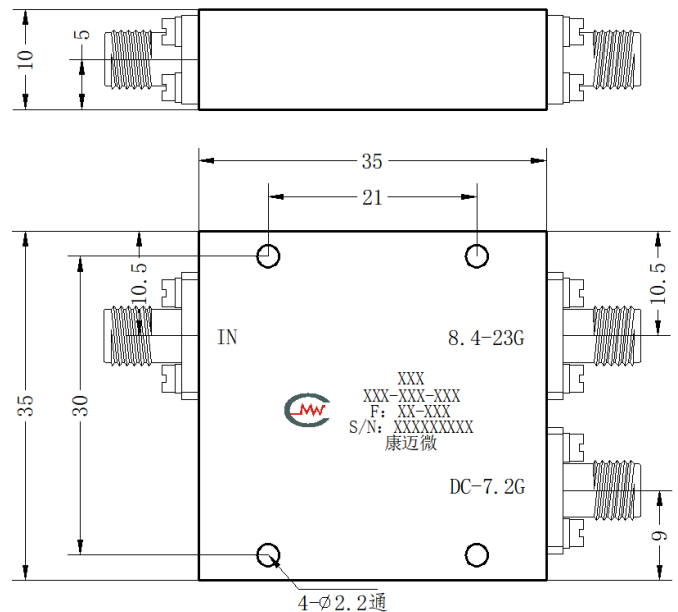
Functional diagram



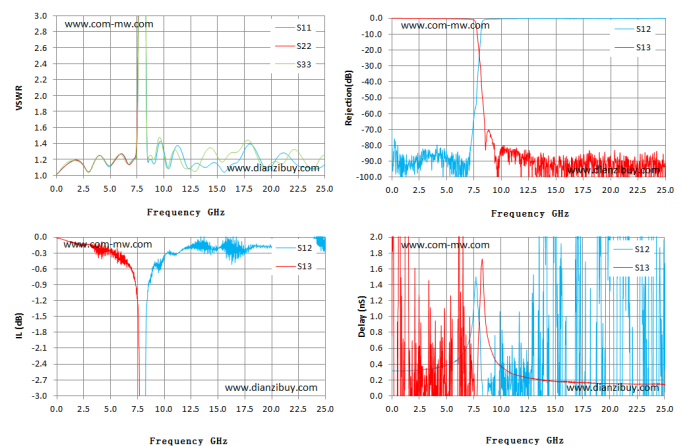
Reference picture



Configuration(mm)



Typical test curve



Note

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

Typical test data

Frequency GHz	S 1 1 V S W R	S 2 2 V S W R	S 3 3 V S W R	S 1 2 I L d B	S 1 3 I L d B	S 1 2 R e j.	S 1 3 抑 制 d B	S 1 2 D e l a y n s	S 1 3 D e l a y n s
0.03	1. 0 1	1. 0 1	1. 0 2	- 6 9 . 5 0	- 0 . 0 2 5 0	- 6 9 . 5 0	-0 .0 2	0 . 3 2	0 . 7 5
1.81	1. 1 9	1. 1 9	1. 1 8	- 9 0 . 0 2	- 0 . 1 1 0 2	- 9 0 . 1 0 2	-0 .1 1	0 . 3 2	0 . 1 0
3.60	1. 1 9	1. 1 8	1. 1 8	- 8 5 . 6 7	- 0 . 2 4 6 7	- 8 5 . 6 7	-0 .2 4	0 . 3 3	0 . 1 5
5.38	1. 1 7	1. 1 7	1. 1 9	- 8 7 . 7 5	- 0 . 3 4 7 5	- 8 7 . 4 7 5	-0 .3 4	0 . 4 0	0 . 3 4
7.16	1. 2 0	1. 1 8	1. 1 9	- 9 2 . 3 2	- 0 . 7 7 3 2	- 9 2 . 3 2	-0 .7 7	0 . 7 2	0 . 9 9
8.95	1. 1 8	1. 1 3 7 0	1. 2 3 . 6 5	- 0 . 6 8	- 7 0 . 6 8 5	- 0 . 6 8 5	-7 0. 8 8	0 . 1 5	0 . 6 7
10.73	1. 1 8	3. 1 6 2 4	1. 2 5 . 3 0	- 0 . 3 0 5	- 8 2 . 3 1 5	- 0 . 3 1 0	-8 2. 1 5	0 . 0 8	0 . 3 0

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

Frequency GHz	S 1 1 V S W R	S 2 2 V S W R	S 3 3 V S W R	S 1 2 I L d B	S 1 3 I L d B	S 1 2 R e j.	S 1 3 抑 制 d B	S 1 2 D e l a y n s	S 1 3 D e l a y n s
12.52	1. 0 9	3 0 7. 4 4	1. 0 8	- 0 . 1 9	- 8 9 . 1 4 2	- 0 . 1 9	-8 9. 4 2	- 0 . 2 2	0 . 2 3
14.30	1. 1 3	2 2 5. 8 7	1. 3 5	- 0 . 2 3	- 9 3 . 2 6	- 0 . 2 3	-9 3. 2 6	0 . 6 6	0 . 1 9
16.08	1. 1 1	4 8 7 1. 1 0	1. 2 7	- 0 . 4 4	- 8 8 . 4 2	- 0 . 4 4	-8 8. 4 2	- 2 . 0 4	0 . 1 8
17.87	1. 3 9	3 0 1. 4 5	1. 4 4	- 0 . 1 5	- 9 5 . 1 3 4	- 0 . 1 5	-9 5. 3 4	- 1 . 2 0	0 . 1 7
19.65	1. 0 6	3 8 1. 3 3	1. 1 0	- 0 . 1 8	- 9 5 . 1 9 9	- 0 . 1 8	-9 5. 9 9	2 . 4 5	0 . 1 6
21.43	1. 2 7	5 6 6. 2 7	1. 2 0	- 0 . 2 0	- 8 6 . 2 9 1	- 0 . 2 0	-8 6. 9 1	3 . 7 9	0 . 1 5
23.22	1. 1 0	4 4 2. 6 2	1. 1 5	- 0 . 1 6	- 1 0 . 3 6 5	- 0 . 1 6	-1 0 3. 1 5	- 0 . 3 9	0 . 1 5

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

Frequency GHz	S1 1 1 V S W R	S2 2 2 V S W R	S3 3 3 V S W R	S1 1 2 I L d B	S1 1 3 I L d B	S1 1 2 R e j.	S1 1 3 抑 制 d B	S1 1 2 D e l a y n S	S1 1 3 D e l a y n S
25.00	1. 1 3	9 5. 1 9	1. 2 4	- 0 . 0 1	- 1 0 8 . 1 8 3	- 0 . 0 1	-1 0 8. 8 3	0 . 3 6	0 . 1 4

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