

Product features

Broadband, high-power.

Main specifications

Parameters	Freq uenc y	/	Mi n	Typ ical	Ma x	Un its
Passband F1	/	/	44 00	~	50 00	MH z
Passband F2	/	/	88 00	~	10 00 0	MH z
Passband F3	/	/	13 20 0	~	15 00 0	MH z
Passband VSWR					1.8	
Passband IL					1.5	dB
Band 1 Rejection	8.8- 15	GH z $\geq$	50			dB
band 2 Rejection	DC-5	MH z $\geq$	50			dB
band 2 Rejection	13.2- 15	MH z $\geq$	50			dB
band 3 Rejection	DC- 10	MH z $\geq$	50			dB

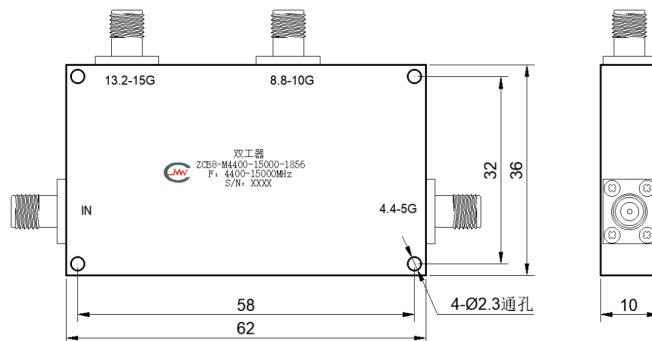
Other parameters

Connector	SMA-K
Connector material	Stainless steel
Impedance	50 Ω
Surface	Black
Power Capacity	20W
Shell Material	Aluminium
Operation Temp.	-40~+85°C Design assurance
Other	Triple frequency combiner

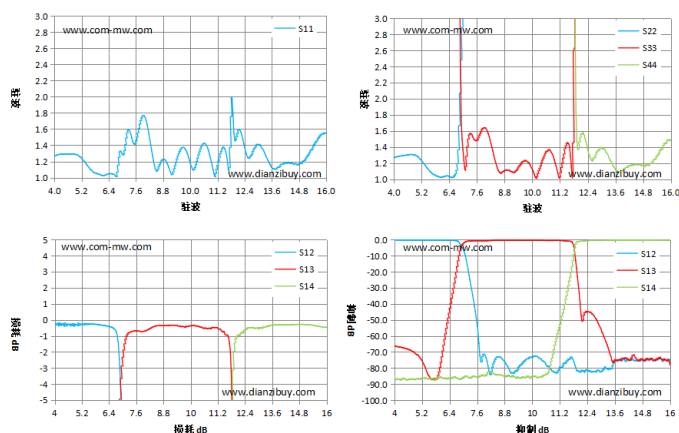
Reference picture



Configuration



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)	S1 1 VS W R	S1 2 IL d B	S1 3 IL d B	S1 4 IL d B	S2 2 VS W R	S3 3 VS W R	S4 4 VS W R
4	1.2 6	-0. 3	-6 6. 19	-8 5. 04	1.2 6	60 52. 15	55 5.5 9
4.86	1.2 9	-0. 39	-7 0. 41	-8 6. 78	1.3	52 9.7 6	42 4.3 4
5.71	1.0 7	-0. 28	-8 6. 55	-8 7. 41	1.0 6	79 24. 64	32 4.0 1
6.57	1.0 4	-0. 51	-3 0. 75	-8 5. 73	1.0 2	55. 33	21 0.9 7
7.43	1.4 7	-3 6. 62	-0. 72	-8 5. 28	52. 59	1.5 2	15 5.2 3
8.29	1.3 4	-7 7. 78	-0. 49	-8 3. 34	18 7.4 6	1.3 5	16 3.3
9.14	1.0 5	-8 7. 19	-0. 34	-8 5. 14	18 98. 05	1.0 9	25 2.1
10	1.1 8	-7 6. 2	-0. 37	-8 4. 81	19 1.8	1.1 2	73 2.4 2
10.86	1.2 7	-1 03 .3 4	-0. 56	-7 3. 88	15 5.9 5	1.3 2	10 98. 36
11.71	1.0 8	-7 3. 04	-1. 39	-1 8. 38	15 0.7 8	1.0 8	26. 21
12.57	1.2 4	-8 1. 47	-4 5. 91	-0. 52	14 9.0 8	75. 23	1.2 3
13.43	1.2 1	-8 8. 2	-7 3. 46	-0. 41	15 9.8 3	85. 93	1.2 1
14.29	1.1 8	-6 7. 77	-7 5. 06	-0. 33	21 5.3 1	90. 91	1.1 7
15.14	1.2 6	-7 5. 88	-7 4. 29	-0. 3	29 9.4	44. 79	1.1 9

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

COM-MW TECHNOLOGY

4400~5000MHz, 8800~10000MHz, 13200~15000MHz, SMA-K, Triple frequency combiner

Frequency(GHz)	S1 1 VS W R	S1 2 IL d B	S1 3 IL d B	S1 4 IL d B	S2 2 VS W R	S3 3 VS W R	S4 4 VS W R
16	1.5 5	-7 4. 51	-7 8	-0. 46	20. 83	5.3 5	1.5

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