

Main specifications

Parameters	Min	Typical	Max	Units
Frequency	14	~	40	GHz
IL		1	2	dB
Isolation	20			dB
Input VSWR		1.5	1.8	
Output VSWR		1.5	1.8	
Amplitude balance		0.5	1	dB
Phase balance		±3	±6	°

Other parameters

Power Capacity	5W
X-Way	3-way
Phase	0°
Impedance	50Ω
Connector	2.92-F
Connector material	Stainless steel
Surface	White
Product shell material	Aluminium
Operation Temp.	-40~+85°C Design assurance

Port Definition

Common port	C
Dispatch Port	1, 2, 3

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.
2	If the temperature is higher than 125°C, consult with us before ordering.

Typical test data

Frequency GHz	S11 VS WR	S22 VS WR	S12 IL (dB)	S23 ISO dB	S13 Pha se (°)
10.99	1.71	1.42	-5.1 9	-18. 29	-0.1 1
13.35	1.19	1.31	-5.0 8	-30. 58	0.15
15.71	1.11	1.14	-5.0 6	-34. 00	0.61
18.06	1.08	1.17	-5.0 2	-27. 74	1.09
20.42	1.03	1.26	-5.0 9	-26. 30	1.60
22.78	1.17	1.28	-5.1 2	-24. 62	0.82
25.14	1.12	1.20	-5.1 2	-28. 77	0.77
27.50	1.22	1.18	-5.1 3	-23. 73	0.95
29.85	1.24	1.12	-5.2 2	-38. 73	1.52
32.21	1.10	1.08	-5.1 3	-23. 18	2.59
34.57	1.43	1.13	-5.2 4	-23. 53	3.40
36.93	1.07	1.16	-5.2 4	-22. 53	3.77
39.28	1.27	1.27	-5.4 1	-23. 77	3.28
41.64	1.50	1.26	-5.6 6	-18. 31	3.17
44.00	2.07	1.56	-5.9 3	-15. 37	4.39

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