

Product features

Broadband, high-power.

Main specifications

Parameters	Min	Typical	Max	Units
Frequency	450	~	6500	MHz
IL		4	4.5	dB
Isolation	19	20		dB
Input VSWR		1.8		
Output VSWR		1.5		
Amplitude balance		0.6	0.8	dB
Phase balance		6	8	°

Other parameters

Power	15W
way	8-way
Phase	0°
Impedance	50Ω
Connector	SMA-K
Connector material	Stainless steel
Product shell material	Aluminium
Work Temp.	-40~+85°C Design assurance
Quality Grade	Industrial grade

Port Definition

Common port	0
Dispatch Port	1~8

Reference picture

Configuration(mm)

Typical test curve

Note

1	Please do not wash the product in the cleaning solution.,Please do not wash the product in the cleaning solution.
2	If the temperature is higher than 125°C, consult with us before ordering.

Typical test data

Frequency(MHz)	S11 VS WR	S22 VS WR	S1 2 IL dB	S23 ISO dB	S12 Pha se (°)
300	1.55	1.09	-9.7 4	-14. 86	-0.0 3
764	1.06	1.05	-9.8 2	-26. 68	-0.0 1
1229	1.13	1.04	-10. 09	-31. 91	-0.0 3
1693	1.2	1.12	-10. 32	-34. 46	-0.0 5
2157	1.14	1.04	-10. 51	-34. 74	-0.0 9
2621	1.25	1.08	-10. 77	-39. 63	-0.1 1
3086	1.08	1.09	-10. 91	-41. 74	-0.1 5
3550	1.18	1.15	-11. 16	-34. 81	-0.1 3
4014	1.11	1.12	-11. 32	-31. 49	-0.2 1
4479	1.2	1.13	-11. 53	-28. 49	-0.2 5
4943	1.2	1.11	-11. 71	-25. 24	-0.2
5407	1.17	1.1	-11. 88	-26. 02	-0.2 6
5871	1.24	1.16	-12. 12	-28. 19	-0.3 4
6336	1.34	1.21	-12. 34	-26. 83	-0.4 4
6800	1.9	1.44	-13. 01	-16. 3	-0.4 5

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