

Main specifications

Parameters	Min	Typical	Max	Units
Frequency	2.7	~	3.1	GHz
IL		0.9	1.1	dB
Isolation	18	20		dB
Common port VSWR		1.3	1.4	
Branching port VSWR		1.3	1.4	
Amplitude balance			±0.3	dB
Phase balance			±4	°

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.

Other parameters

Power Capacity	峰值2500W, 平均250W设计保证
X-Way	8-way
Phase	0°
Impedance	50Ω
Connector	N-K
Surface	Conductive oxidation
Product shell material	Aluminium
Operation Temp.	-40~+70°C Design assurance

Port Definition

Common port	0 (N-K)
Dispatch Port	1~8 (SMA-K)

Typical test data

Frequency(MHz)	S11 VS WR	S22 VS WR	S1 2 IL dB	S23 ISO dB	S14 Pha se (°)
2610	1.35	1.11	-10. 1	-17. 74	-1.3 9
2694	1.34	1.15	-10. 01	-21. 13	-1.5 3
2736	1.28	1.15	-10. 01	-23. 41	-1.5 2
2779	1.21	1.16	-9.8 9	-25. 88	-1.5 3
2863	1.11	1.12	-9.8	-27. 64	-1.5 4
2905	1.07	1.09	-9.7 7	-27. 1	-1.4 5
2947	1.05	1.05	-9.7 4	-26. 55	-1.4 2
3031	1.05	1.01	-9.7 3	-25. 96	-1.4
3074	1.07	1.04	-9.7 5	-25. 19	-1.2 9
3116	1.12	1.07	-9.7 5	-24. 07	-1.3 9
3200	1.28	1.09	-9.8 6	-21. 51	-1.3 1

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