

Main specifications

Parameters	Min	Typical	Max	Units
Frequency	10	~	26.5	GHz
IL			3.6	dB
Isolation	16			dB
Input VSWR			1.8	
Output VSWR			1.5	
Amplitude balance			±0.8	dB
Phase balance			±8	°

Other parameters

Power	20W Design assurance
way	8-way
Phase	0°
Connector	SMA-JK
Connector material	Stainless steel
Surface	Conductive oxidation
Product shell material	Aluminium
Work Temp.	-45~+85°C Design assurance

Port Definition

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

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 GHz	S11 VS WR	S22 VS WR	S12 IL (dB)	S13 Pha se (°)	S13 隔离 dB
9.1	1.15	1.03	-9.4 5	1.08	-22. 14
10.37	1.25	1.42	-9.3 6	1.26	-36. 78
11.64	1.11	1.25	-9.5 8	1.51	-22. 04
12.91	1.14	1.04	-9.5 2	1.39	-16. 84
14.19	1.05	1.26	-9.6 1	1.8	-19. 89
15.46	1.06	1.15	-9.5 9	1.77	-22. 8
16.73	1.25	1.19	-9.8 3	1.55	-21. 69
18	1.16	1.07	-9.7 1	1.68	-19. 8
19.27	1.2	1.06	-9.7 2	1.72	-20. 54
20.54	1.28	1.33	-9.8 6	1.76	-30. 8
21.81	1.05	1.29	-9.7 8	2.23	-25. 51
23.09	1.25	1.22	-10. 01	2.03	-23. 89
24.36	1.16	1.36	-9.9 5	2.2	-27. 32
25.63	1.27	1.39	-10. 09	2.16	-31. 4
26.9	1.07	1.31	-9.9 3	2.38	-17. 97

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