

Main specifications

Parameters	Min	Typical	Max	Units
Frequency	10	~	3000	MHz
IL		3		dB
Isolation		15		dB
Input VSWR		1.9		
Output VSWR		1.7		
Amplitude balance		0.5		dB
Phase balance		5		°

Other parameters

Power	1W Design assurance
way	4-way
Phase	0°
Impedance	50Ω
Connector	SMA-K
Connector material	Stainless steel
Surface	Conductive oxidation
Product shell material	Aluminium
Work Temp.	-40~+85°C Design assurance

Port Definition

Common port	c
Dispatch Port	1234

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	S33 VS WR	S1 2 IL dB	S14 Pha se (°)	S23 ISO dB
0.01	2.14	1.49	-7.1 2	-0.0 1	-18. 57
0.22	2.05	1.59	-7.1 1	-0.4 9	-18. 27
0.44	1.92	1.65	-7.2 9	-0.9 4	-18. 09
0.65	1.79	1.63	-7.3 3	-1.1 8	-19. 05
0.86	1.61	1.57	-7.1 9	-1.1 1	-21. 72
1.08	1.44	1.5	-6.9 8	-1.0 8	-27. 17
1.29	1.37	1.48	-6.8 3	-1.2 1	-26. 69
1.51	1.39	1.52	-7.0 5	-1.2 8	-21. 68
1.72	1.43	1.59	-7.3 5	-1.1 9	-19. 63
1.93	1.37	1.63	-7.4 4	-0.8 3	-19. 75
2.15	1.22	1.66	-7.5 7	-0.2 9	-20. 89
2.36	1.02	1.6	-7.7 1	0.4	-20
2.57	1.26	1.55	-7.9 7	1.07	-16. 94
2.79	1.54	1.61	-8.4 4	1.86	-14. 82
3	1.76	1.65	-8.9 9	2.74	-14. 5

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