

Main specifications

Parameters	Min	Typical	Max	Units
Frequency	8	~	10	GHz
IL			2.5	dB
Isolation			20	dB
Input VSWR			1.5	
Output VSWR			1.5	
Amplitude balance			0.8	dB
Phase balance			±10	°

Other parameters

Power	10W Design assurance
way	64路
Phase	0°
Impedance	50Ω
Connector	SMA-K
Connector material	Stainless steel
Surface	Silver plating
Product shell material	Aluminium
Work Temp.	-40~+85°C Design assurance

Port Definition

Common port	C
Dispatch Port	1 2 3 4~62 63 64

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 VSW R	S12 IL (dB)	S12 Phase	S23 ISO dB
8	1.12	-19.7 2	0.74	-22.59
8.14	1.13	-19.7 2	1.2	-24.56
8.29	1.09	-19.8 3	1.49	-25
8.43	1.09	-19.9 5	1.55	-23.41
8.57	1.12	-19.9 2	1.52	-22
8.71	1.11	-19.8 9	1.62	-21.3
8.86	1.08	-19.9 3	1.51	-21.13
9	1.11	-19.9 5	1.46	-21.45
9.14	1.13	-19.9 5	1.38	-22.28
9.29	1.14	-19.9 8	1.39	-23.34
9.43	1.12	-20.0 5	1.51	-23.91
9.57	1.06	-20.0 7	1.67	-24.72
9.71	1.09	-20.0 9	1.93	-27.27
9.86	1.21	-20.2 1	2.23	-34.36
10	1.24	-20.3 1	2.6	-33.51

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