

Main specifications

Parameters	Min	Typical	Max	Units
Frequency	100	~	600	MHz
IL			0.9	dB
Isolation	20			dB
Input VSWR			1.5	
Output VSWR			1.5	
Amplitude balance			0.3	dB
Phase balance			±4	°

Reference picture

Configuration(mm)

Typical test curve

Note

1	Clean the surface of the product, do not soak the product in cleaning solution for cleaning.
2	The product supports 220 °C reflow soldering.

Other parameters

Power Capacity	10W Design assurance
X-Way	4-way
Phase	0°
Impedance	50Ω
Connector	SMD
Operation Temp.	-40~+85°C Design assurance
Quality Grade	Industrial grade

Port Definition

Common port	7
Dispatch Port	1, 2, 3, 4
GND	5, 6, 8

Typical test data

Frequency MHz	S11 VSW R	S22 VSW R	S12 IL (dB)	S13 Phase (°)	S23 ISO dB
50	1.91	1.91	-6.29	0.14	-18.04
100	1.28	1.28	-6.29	0.29	-24.95
150	1.15	1.15	-6.36	0.44	-29.21
200	1.09	1.09	-6.41	0.59	-33.81
250	1.07	1.06	-6.45	0.74	-40.6
300	1.08	1.07	-6.49	0.91	-41.14
350	1.11	1.1	-6.52	1.08	-35.87
400	1.15	1.13	-6.55	1.26	-33.02
450	1.19	1.16	-6.6	1.46	-31.74
500	1.22	1.2	-6.65	1.66	-31.4
550	1.26	1.23	-6.69	1.87	-31.41
600	1.29	1.25	-6.74	2.12	-30.88
650	1.31	1.26	-6.82	2.36	-28.9
700	1.32	1.26	-6.89	2.62	-26.15
750	1.32	1.25	-6.98	2.89	-23.59

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