

Main specifications

Frequency	30	~	88	MHz
IL		0.5		dB
Isolation	22			dB
VSWR			1.3	
Amplitude balance			± 1.5	dB
Phase balance			± 4	°

Other parameters

Power Capacity	200W Design assurance
Phase	90° Hybrid
Impedance	50Ω
Connector	SMA-K
Connector material	Stainless steel
Product shell material	Aluminium
Operation Temp.	-45~+85°C Design assurance
Storage Temp.	-55~+125°C Design assurance
Quality Grade	Industrial grade

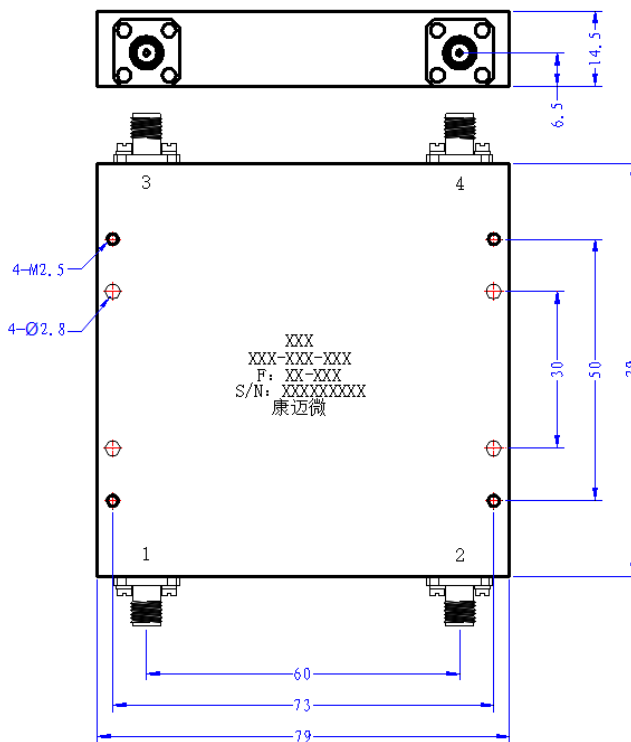
Port Definition

Port 1	iso
Port 2	in
Port 3	-90°
Port 4	0°

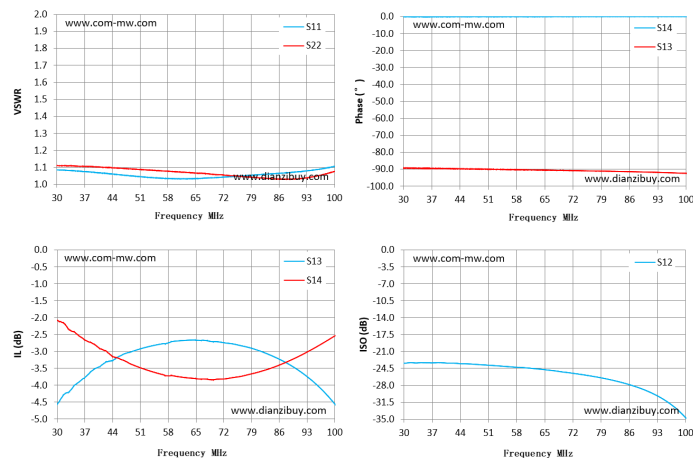
Reference picture



Configuration(mm)



Typical test curve



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

Typical test data

30.00	1.0 9	-4.5 7	-2.0 8	-89. 32	-23. 44
35.00	1.0 8	-3.9 5	-2.4 9	-89.4 5	-23.3 4
40.00	1.0 7	-3.4 9	-2.8 5	-89.6 2	-23.3 7
45.00	1.0 6	-3.1 9	-3.1 8	-89.7 9	-23.5 6
50.00	1.0 5	-2.9 6	-3.4 4	-89.9 9	-23.7 9
55.00	1.0 4	-2.8 1	-3.6 4	-90.1 9	-24.0 8
60.00	1.0 3	-2.7 0	-3.7 4	-90.3 7	-24.3 7
65.00	1.0 3	-2.6 7	-3.8 1	-90.5 5	-24.7 8
70.00	1.0 4	-2.7 1	-3.8 3	-90.7 7	-25.3 0
75.00	1.0 5	-2.7 9	-3.7 6	-90.9 8	-25.8 8
80.00	1.0 6	-2.9 4	-3.6 4	-91.1 9	-26.6 3
85.00	1.0 6	-3.1 7	-3.4 5	-91.4 3	-27.6 2
90.00	1.0 7	-3.4 9	-3.2 0	-91.7 1	-29.0 3
95.00	1.0 9	-3.9 4	-2.8 9	-92.0 4	-31.1 7
100.00	1.1 1	-4.5 6	-2.5 4	-92.4 8	-34.7 0

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.

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