

Main specifications

Parameters	Min	Typical	Max	Units
Frequency	500	~	3000	MHz
IL			0.3	dB
Coupling	37	40	43	dB
Directivity	18			dB
Main line VSWR			1.25	
Coupled line VSWR			1.25	

Other parameters

Connector	N -JK
Connector material	Stainless steel
Impedance	50Ω
Surface	White
Power Capacity	500W Design assurance
Shell Material	Aluminium
Operation Temp.	-40~+70°C Design assurance
Quality Grade	Industrial grade

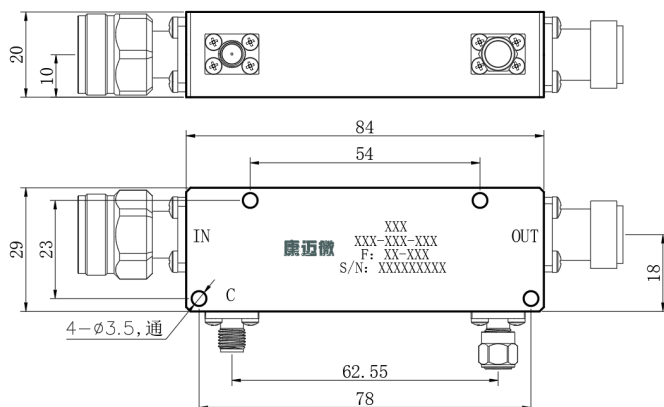
Port Definition

Input port	IN(N-J)	---
Output port	OUT(N-K)	---
Coupling port	C(SMA-K)	---
Isolated Port	ISO(SMA-K)	---

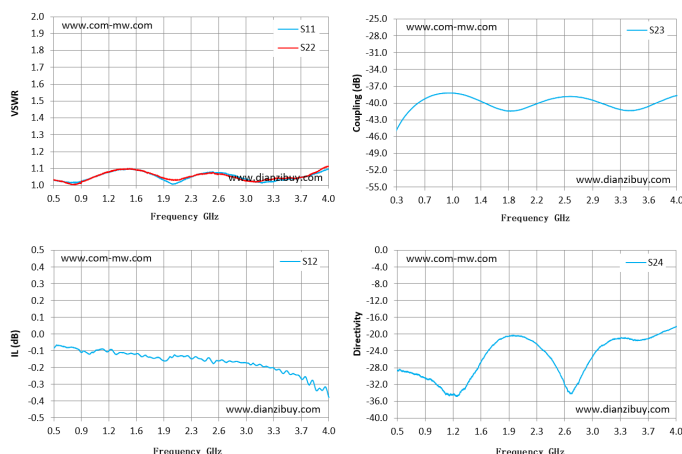
Reference picture



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

Frequency GHz	S11 VSW R	S22 VSW R	S12 IL (dB)	S23 Coup ling	S24 Direc tivity
0.5	1.03	1.03	-0.0 8	-53.2 6	-29.55
0.75	1.02	1.01	-0.0 8	-40.6 9	-28.56
1	1.05	1.05	-0.1 1	-38.2 4	-31.11
1.25	1.09	1.09	-0.1	-39.4 4	-32.51
1.5	1.1	1.1	-0.1 2	-41.4 4	-21.21
1.75	1.07	1.07	-0.1 4	-39.8 6	-21.79
2	1.01	1.03	-0.1 4	-38.8 6	-32.96
2.25	1.05	1.05	-0.1 5	-40.2 6	-23.05
2.5	1.08	1.07	-0.1 6	-41.2 5	-21.45
2.75	1.06	1.05	-0.1 6	-39.1 4	-19.1
3	1.03	1.03	-0.1 8	-38.4 6	-17.51
3.25	1.02	1.03	-0.2	-41.9 4	-16.68
3.5	1.04	1.05	-0.2 4	-61.6 2	4.21
3.75	1.06	1.06	-0.3 5	-42.5 5	-15.66
4	1.1	1.11	-0.3 8	-38.5 2	-14.57

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.

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