

Main specifications

Parameters	Min	Typical	Max	Units
Frequency	0.7	~	6	GHz
IL			0.3	dB
Forward and reverse coupling degree	38.5	40	41.5	dB
Directivity	20			dB
Main line VSWR			1.3	
Coupled line VSWR			1.3	

Other parameters

Main line interface form	N -F
Connector	N -F
Impedance	50Ω
Surface	Conductive oxidation
Power Capacity	600W Design assurance
Shell Material	Aluminium
Operation Temp.	-40~+70°C Design assurance

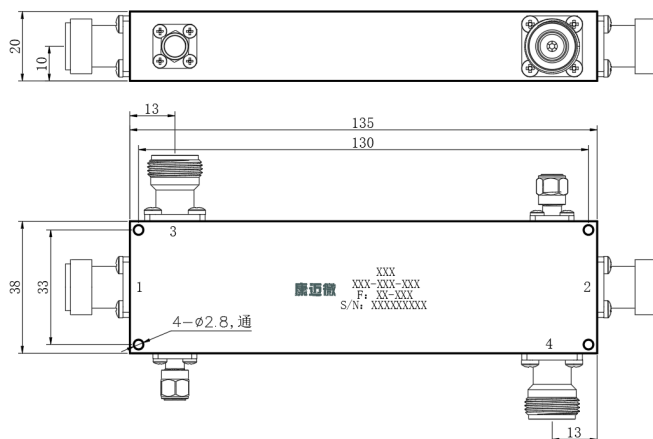
Port Definition

Input port	1	2
Output port	2	1
Coupling port	3	4

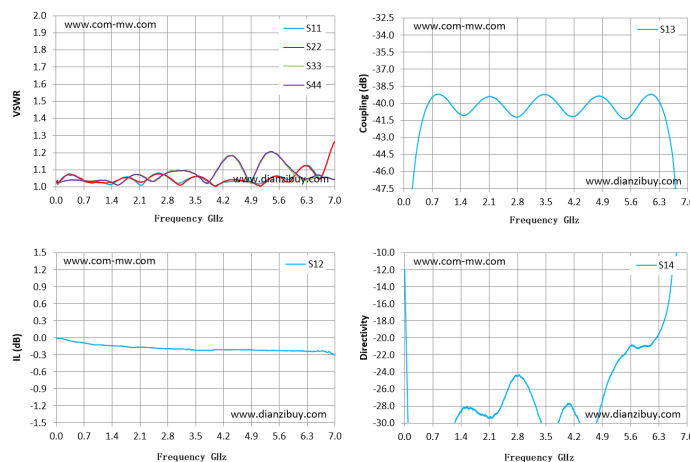
Reference picture



Configuration(mm)



Typical test curve



Note

- Clean the surface of the product, do not soak the product in cleaning solution for cleaning.
- If the temperature is higher than 125°C, consult with us before ordering.

Typical test data

Frequency GHz	S11 VSWR	S33 VSWR	S12 IL dB	S13 coupling	S14 Directivity
0.01	1.03	1.02	-0.01	-73.77	-11.94
0.50	1.06	1.04	-0.08	-40.94	-35.41
1.00	1.03	1.04	-0.13	-39.45	-31.59
1.50	1.03	1.01	-0.15	-41.05	-28.22
2.00	1.03	1.07	-0.17	-39.51	-29.06
2.50	1.08	1.03	-0.19	-40.46	-26.76
3.00	1.03	1.10	-0.20	-40.64	-25.28
3.50	1.06	1.07	-0.22	-39.24	-31.56
4.00	1.01	1.08	-0.21	-40.90	-28.02
4.50	1.03	1.17	-0.21	-40.10	-32.43
5.00	1.02	1.08	-0.22	-39.69	-25.69
5.50	1.06	1.20	-0.23	-41.35	-21.58
6.00	1.07	1.07	-0.24	-39.32	-20.97
6.50	1.09	1.06	-0.24	-42.09	-16.74
7.00	1.26	1.04	-0.31	-52.99	-5.55

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