

Product features

Broadband, high-power.

Main specifications

Parameters	Min	Typical	Max	Units
Frequency	1000	~	4000	MHz
IL			0.6	dB
Isolation	20			dB
VSWR			1.25	
Amplitude balance			1	dB
Phase balance			±3	°

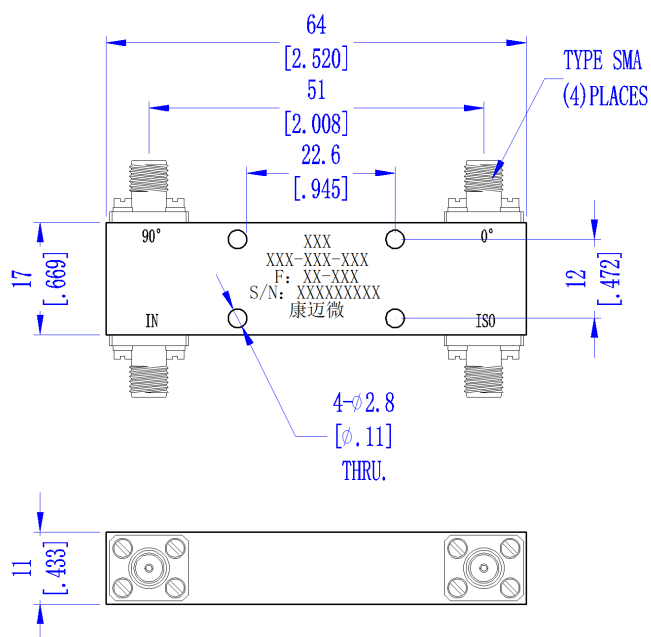
Other parameters

Power	50W Design assurance
Phase	90° Hybrid
Impedance	50Ω
Connector	SMA-K
Connector material	Stainless steel
Work Temp.	-40~+85°C Design assurance

Reference picture



Configuration(mm)

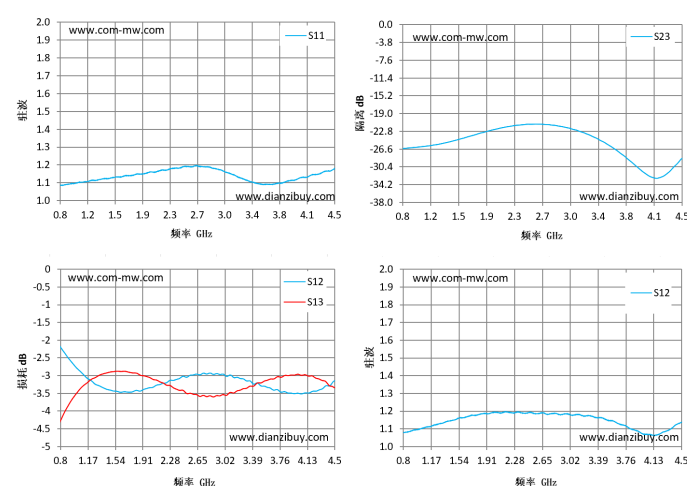


Note: The specifications and performance data contained in this data sheet are based on tests established by CMW.

Typical test data

Frequency(GHz)	S11 VSW R	S12 IL dB	S13 IL dB	S23 ISO dB	S12 VSW R
0.8	1.09	-2.1 9	-4.2 7	-26.5 4	1.08
1.06	1.1	-2.8 7	-3.3 8	-26.1 1	1.1
1.33	1.12	-3.2 9	-2.9 8	-25.4 2	1.13
1.59	1.13	-3.4 6	-2.8 8	-24.3 6	1.16
1.86	1.15	-3.4 3	-2.9 7	-23.1 1	1.18
2.12	1.17	-3.2 6	-3.1 5	-22.0 6	1.19
2.39	1.18	-3.0 9	-3.4	-21.4 4	1.19
2.65	1.2	-2.9 6	-3.5 5	-21.3 3	1.19
2.91	1.18	-2.9 4	-3.5 6	-21.8 3	1.18
3.18	1.14	-3.0 5	-3.4 3	-23.0 4	1.17
3.44	1.1	-3.2 1	-3.2 3	-24.9 6	1.16
3.71	1.1	-3.3 9	-3.0 5	-27.8 3	1.12
3.97	1.12	-3.5	-2.9 8	-31.3 4	1.07
4.24	1.15	-3.4 4	-3.0 6	-32.5 4	1.08
4.5	1.18	-3.1 4	-3.3 4	-28.6 3	1.14

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.