

Product features

Broadband, high-power.

Main specifications

Parameters	Min	Typical	Max	Units
Frequency	0.5	~	6	GHz
IL			1.4	dB
Coupling	8.6	10	11	dB
Directivity	15			dB
Main line VSWR			1.3	
Coupled line VSWR			1.5	

Other parameters

Connector	SMA-K
Connector material	Stainless steel
Impedance	50Ω
Surface	White
Power Capacity	50W
Shell Material	Aluminium
Operation Temp.	-40~+85°C Design assurance
Other	Including distribution loss of 0.46dB

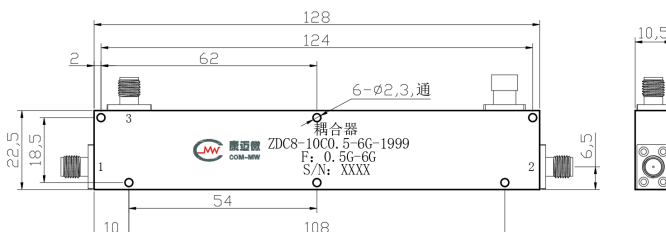
Port Definition

Input port	1
Output port	2
Coupling port	3

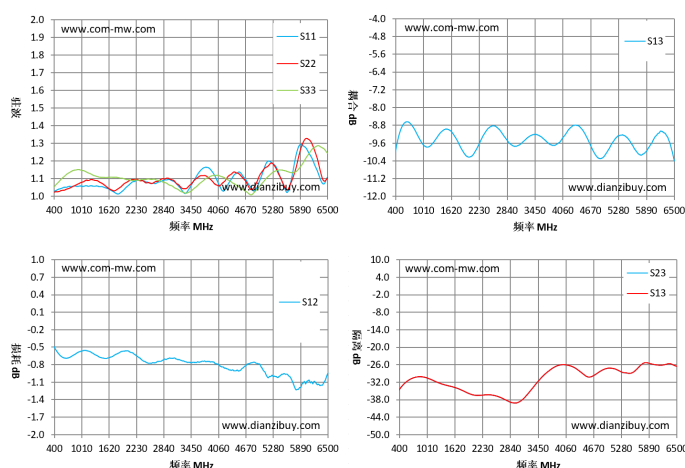
Reference picture



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 MHz	S11 VSW R	S33 VSW R	S13 Coupling	S12 IL dB	S23 ISO dB
400	1.03	1.05	-9.89	-0.5	-34.44
836	1.06	1.15	-9.08	-0.63	-30.15
1271	1.06	1.12	-9.42	-0.61	-32.32
1707	1.03	1.11	-9.35	-0.65	-34.36
2143	1.08	1.09	-9.95	-0.6	-36.53
2579	1.07	1.09	-8.83	-0.77	-37
3014	1.09	1.06	-9.74	-0.69	-38.92
3450	1.06	1.03	-9.21	-0.77	-31.71
3886	1.15	1.11	-9.69	-0.76	-26.32
4321	1.08	1.09	-8.79	-0.89	-27.76
4757	1.06	1.01	-10.08	-0.78	-28.9
5193	1.2	1.12	-9.43	-1	-27.83
5629	1.03	1.14	-9.86	-1	-27.42
6064	1.25	1.23	-9.36	-1.07	-26.11
6500	1.11	1.24	-10.4	-0.94	-26.55

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.