

Main specifications

Parameters	Min	Typical	Max	Units
Frequency	10	~	1000	MHz
IL			1.2	dB
Coupling	15	16	17	dB
Directivity		13		dB
Main line VSWR			1.5	
Coupled line VSWR			1.5	

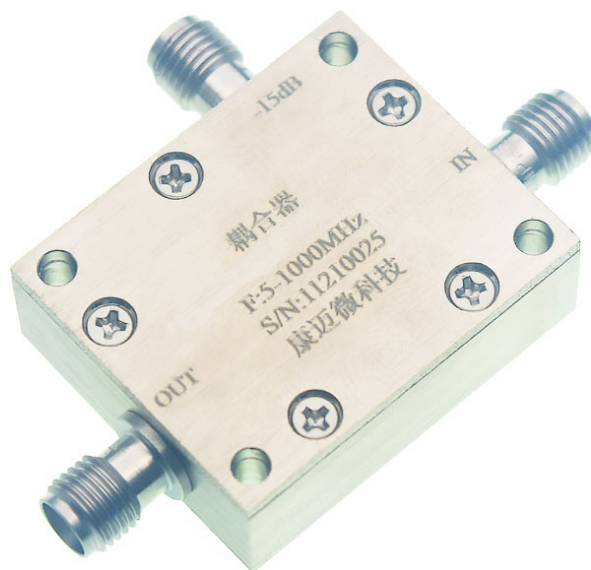
Other parameters

Connector	SMA-K
Connector material	Stainless steel
Impedance	50Ω
Surface	Nickel plating
Power Capacity	2W Design assurance
Shell Material	Aluminium
Operation Temp.	-40~+55°C Design assurance
Storage Temp.	-55~+70°C Design assurance

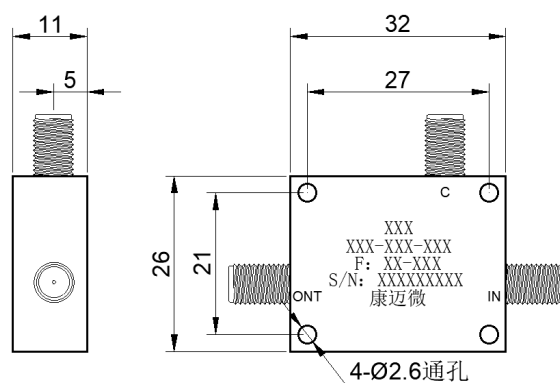
Port Definition

Input port	IN	---
Output port	OUT	---
Coupling port	C	---

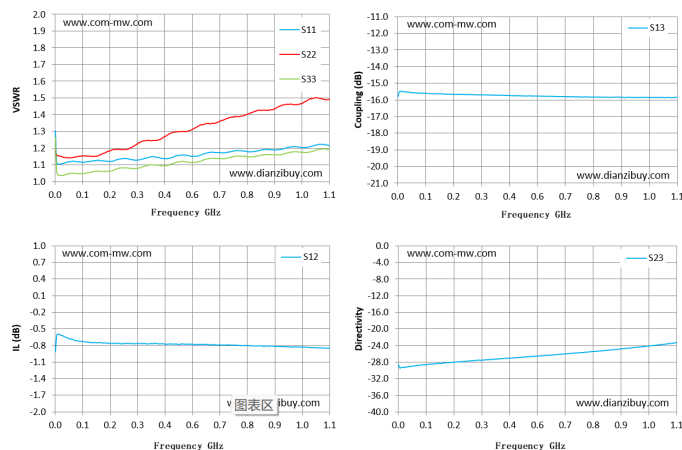
Reference picture



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)	S13 Coupling	S23 Directivity
0.01	1.3	1.18	-0.9 1	-15.8 1	-28.58
0.08	1.12	1.15	-0.7 1	-15.5 8	-28.75
0.16	1.12	1.15	-0.7 4	-15.6 2	-28.25
0.24	1.12	1.19	-0.7 6	-15.6 6	-27.91
0.31	1.13	1.2	-0.7 7	-15.6 8	-27.56
0.39	1.15	1.24	-0.7 6	-15.7 1	-27.25
0.47	1.14	1.29	-0.7 7	-15.7 5	-26.89
0.55	1.15	1.31	-0.7 8	-15.7 6	-26.52
0.63	1.18	1.35	-0.7 9	-15.7 9	-26.13
0.71	1.18	1.39	-0.7 9	-15.8	-25.73
0.79	1.18	1.41	-0.8 2	-15.8 2	-25.34
0.86	1.19	1.43	-0.8 1	-15.8 3	-24.92
0.94	1.2	1.46	-0.8 2	-15.8 5	-24.43
1.02	1.21	1.49	-0.8 3	-15.8 6	-23.89
1.1	1.21	1.49	-0.8 5	-15.8 4	-23.28

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.