

Main specifications

Parameters	Min	Typical	Max	Units
Frequency	2	~	2.2	GHz
IL			0.2	dB
Coupling	49.5	50	50.5	dB
Directivity	20			dB
Main line VSWR			1.25	
Coupled line VSWR			1.3	

Other parameters

Main line interface form	L29-F or K
Coupling line interface form	SMA-F or K
Impedance	50Ω
Power Capacity	2000W Design assurance
Shell Material	Aluminium
Operation Temp.	-55~+70°C Design assurance
Quality Grade	Industrial grade
Other	IP65

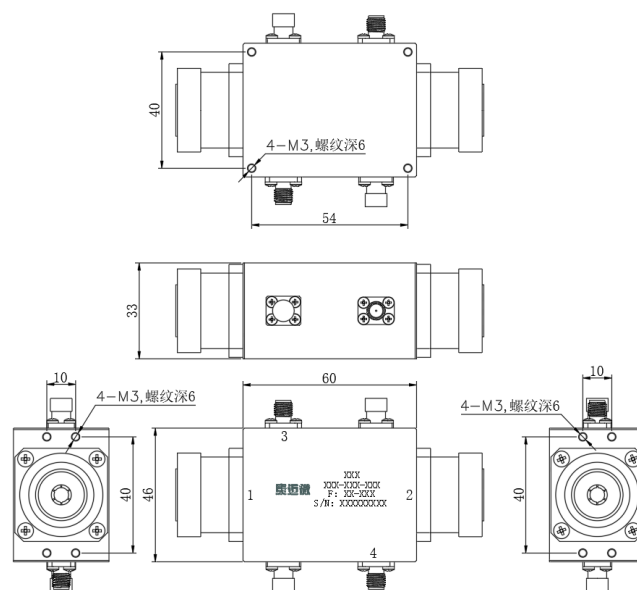
Port Definition

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

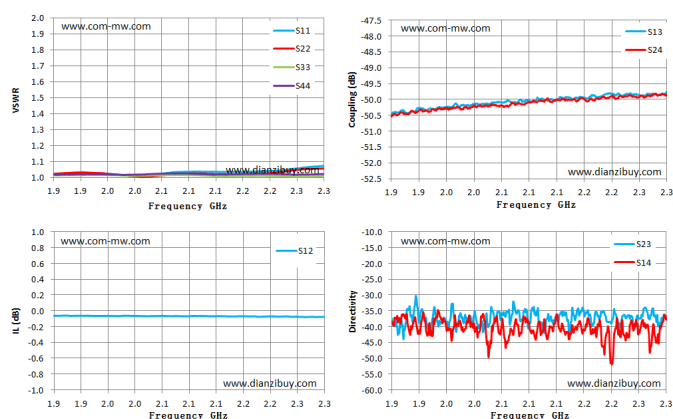
Reference picture



Configuration(mm)



Typical test curve



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.

Typical test data

Frequency GHz	S11 VSWR	S33 VSWR	S12 IL dB	S13 coupling	S23 Directivity
1.90	1.02	1.01	-0.06	-50.45	-37.34
1.93	1.03	1.01	-0.06	-50.38	-38.28
1.96	1.03	1.02	-0.06	-50.29	-36.74
1.99	1.02	1.01	-0.07	-50.21	-35.98
2.01	1.01	1.01	-0.06	-50.18	-38.10
2.04	1.01	1.01	-0.07	-50.14	-40.18
2.07	1.03	1.02	-0.07	-50.04	-35.61
2.10	1.04	1.02	-0.07	-50.02	-39.50
2.13	1.04	1.01	-0.07	-50.01	-37.75
2.16	1.04	1.01	-0.07	-49.95	-40.35
2.19	1.04	1.01	-0.07	-49.89	-37.27
2.21	1.04	1.01	-0.07	-49.83	-35.76
2.24	1.05	1.01	-0.07	-49.83	-36.72
2.27	1.06	1.01	-0.08	-49.87	-34.08
2.30	1.07	1.01	-0.08	-49.75	-37.82

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