

## Main specifications

Parameters	Min	Typical	Max	Units
Frequency	2.4	~	2.5	GHz
IL			0.45	dB
Isolation	2			dB
Common port VSWR			1.2	
Branching port VSWR		Not have		
Coupling port VSWR			1.35	
Coupling	49	50	51	dB
Coupling flatness			±0.5	dB
Directivity	20			dB
Amplitude balance			±0.15	dB
Phase balance			±2	°

## Other parameters

Power Capacity	15KW design guarantee
X-Way	4-way
Phase	0°
Connector	Waveguide
Waveguide port	BJ26
Surface	Conductive oxidation
Product shell material	Aluminium
Operation Temp.	-40~+70°C Design assurance

## Port Definition

Common port	0
Dispatch Port	1, 2, 3, 4
Forward coupling port	C2 ( N-K )
Reverse coupling port	C1 ( N-K )

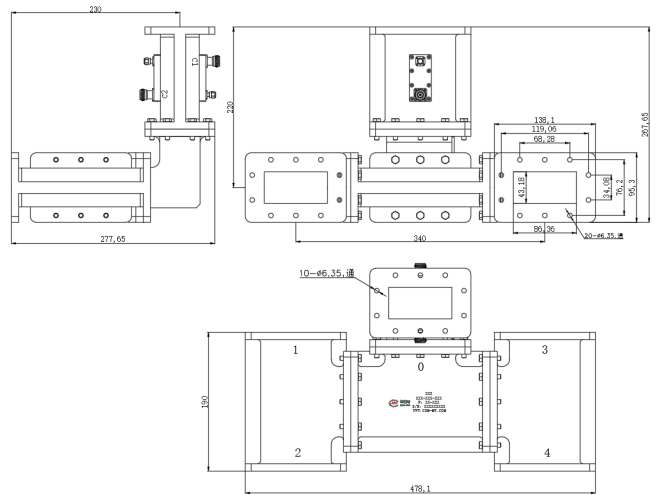
## Typical test data

Frequency GHz	S11 VSWR	S66 VSWR	S12 IL (dB)	S14 Phase	S23 ISO dB
2.17	1.49	1.16	-6.17	0.18	-5.06
2.21	1.44	1.11	-6.2	0.38	-6.79
2.25	1.39	1.08	-6.23	0.28	-8.81
2.28	1.35	1.06	-6.19	0.03	-10.31
2.32	1.31	1.05	-6.09	-0.15	-11.79
2.36	1.22	1.05	-5.93	-0.12	-11.94
2.4	1.14	1.05	-5.84	0.02	-10.85
2.44	1.05	1.05	-5.82	0.05	-9.14
2.47	1.06	1.04	-5.86	0.11	-7.74
2.51	1.12	1.04	-5.97	-0.06	-6.2
2.55	1.17	1.04	-6.05	-0.3	-4.94
2.59	1.17	1.03	-6.09	-0.64	-4
2.62	1.16	1.03	-6.09	-0.62	-3.48
2.66	1.13	1.03	-6.05	-0.42	-2.98
2.7	1.1	1.04	-6.04	-0.12	-2.69

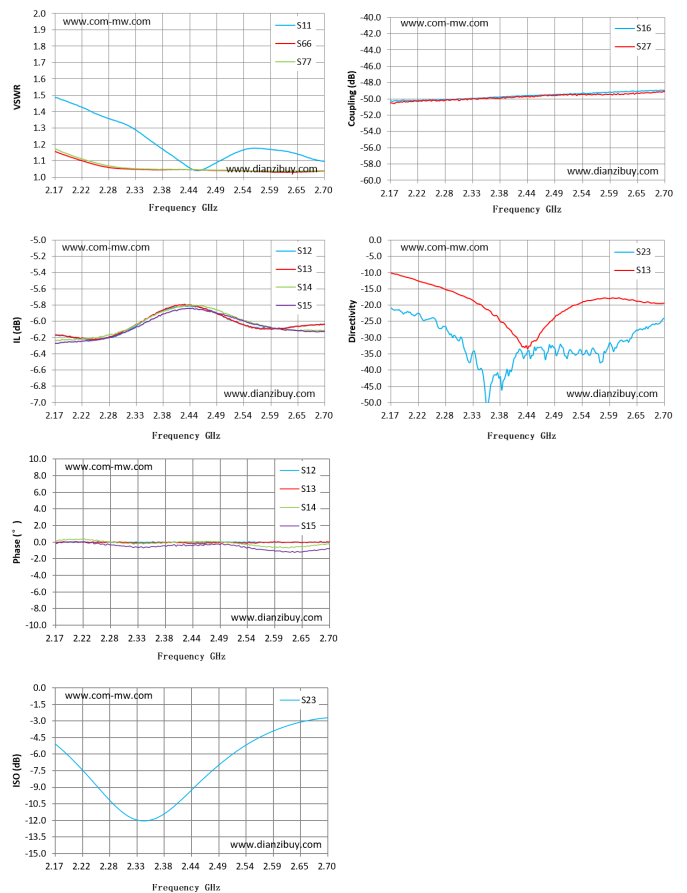
## Reference picture



## Configuration(mm)



## Typical test curve



## Note

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

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.