

Main specifications

Parameters	Min	Typical	Max	Units
Frequency	13.75	~	14.5	GHz
IL			0.3	dB
Isolation			No	dB
Common port VSWR			1.25	
Branching port VSWR			No	
Amplitude balance			0.2	dB
Phase balance			3	°

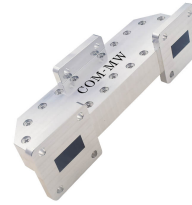
Other parameters

Power Capacity	500W Design assurance
X-Way	2-way
Phase	0°
Connector	Waveguide
Waveguide port	BJ120
Product shell material	Aluminium
Operation Temp.	-40~+70°C Design assurance

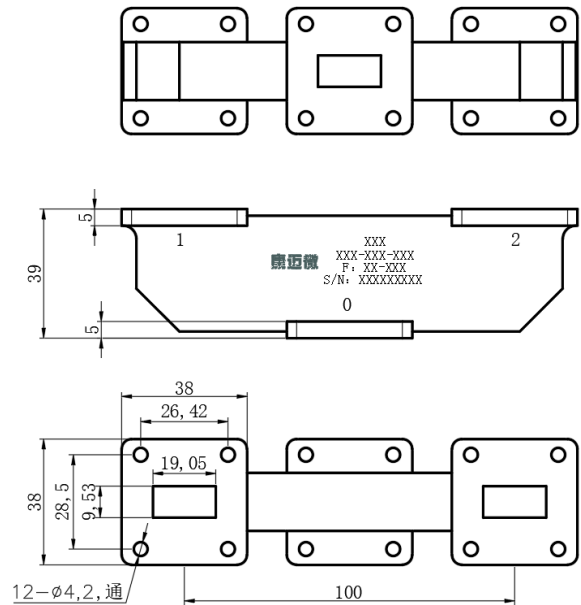
Port Definition

Common port	0
Dispatch Port	1, 2

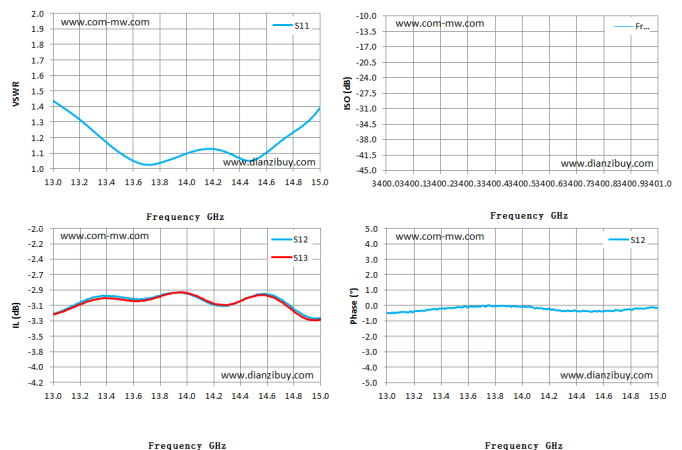
Reference picture



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 VSW R	S12 IL dB	S13 IL dB	S12 Phase (°)
13.00	1.44	-3.22	-3.22	-0.48
13.14	1.36	-3.12	-3.14	-0.42
13.29	1.26	-3.00	-3.03	-0.34
13.43	1.16	-2.97	-3.00	-0.17
13.57	1.07	-3.00	-3.03	-0.09
13.71	1.03	-3.00	-3.02	-0.02
13.86	1.05	-2.93	-2.94	-0.03
14.00	1.10	-2.93	-2.92	-0.09
14.14	1.12	-3.04	-3.02	-0.18
14.29	1.11	-3.11	-3.09	-0.32
14.43	1.06	-3.01	-3.01	-0.40
14.57	1.08	-2.94	-2.95	-0.35
14.71	1.17	-3.01	-3.05	-0.31
14.86	1.26	-3.21	-3.25	-0.18
15.00	1.39	-3.28	-3.30	-0.15

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