

Main specifications

Parameters	Frequency	/	Min	Typical	Max	Units
Passband	/	/	10.7	~	14.5	GHz
Passband IL	/	/			0.9	dB
Rejection	DC-9.75	GHz $\geq$	48			dB
Rejection	14.75-15.5	GHz $\geq$	30			dB
Rejection	15.5-26	GHz $\geq$	45			dB
Passband VSWR	/	/			1.5	

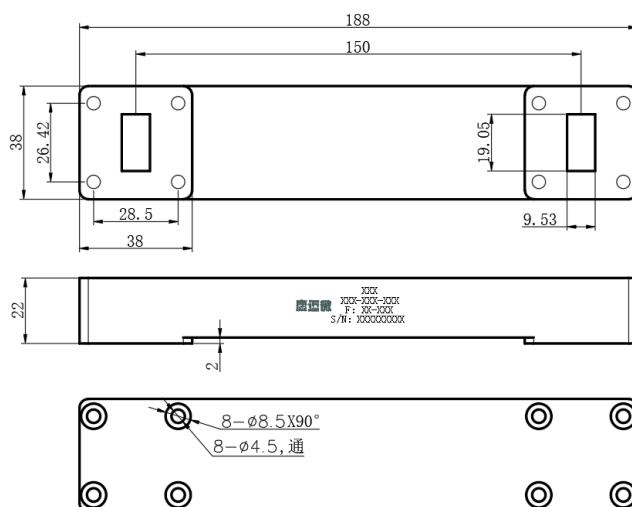
Reference picture



Other parameters

Connector	Waveguide
Waveguide port	BJ120
Waveguide flange	FBP120
Surface	silver-plate
Power Capacity	30W Design assurance
Product shell material	Aluminium
Delay ripple	≤ 1.8 ns
Operation Temp.	-40~+70°C Design assurance
Quality Grade	Industrial grade

Configuration(mm)

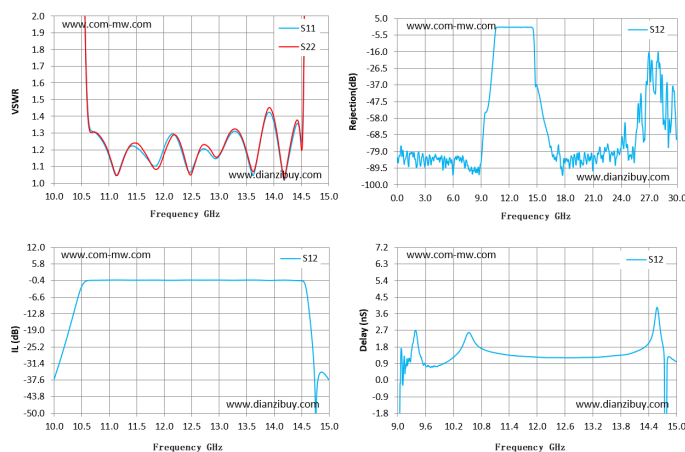


Note: The specifications and performance data contained in this data sheet are based on tests established by CMW.

Typical test data

Frequency GHz	S11 VSW R	S22 VSW R	S12 IL (dB)	S12 Delay (ns)
10	76.15	457.21	-37.55	0.91
10.36	29.13	47	-12.71	1.7
10.71	1.31	1.31	-0.32	1.87
11.07	1.09	1.1	-0.22	1.49
11.43	1.22	1.24	-0.27	1.34
11.79	1.11	1.1	-0.26	1.27
12.14	1.29	1.28	-0.31	1.23
12.5	1.07	1.05	-0.23	1.22
12.86	1.17	1.2	-0.25	1.22
13.21	1.29	1.31	-0.29	1.23
13.57	1.09	1.11	-0.23	1.3
13.93	1.42	1.45	-0.38	1.39
14.29	1.18	1.21	-0.31	1.74
14.64	19.44	29.87	-11.76	2.98
15	65.86	215.89	-37.63	1.01

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.