

Main specifications

Parameters	Min	Typical	Max	Units
Frequency	26.5	~	40	GHz
IL			0.3	dB
VSWR			1.07	

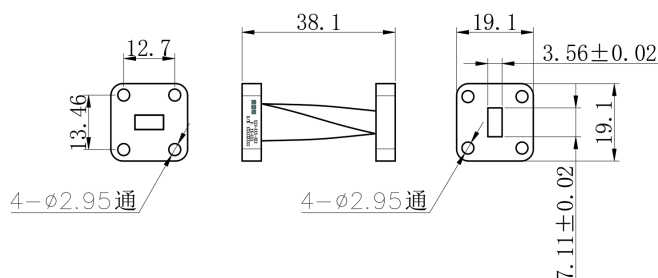
Reference picture



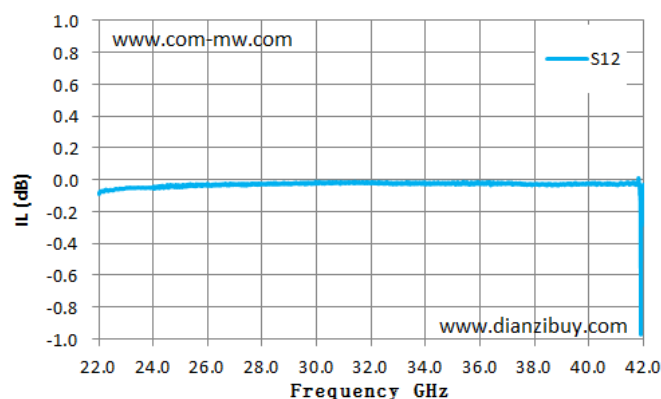
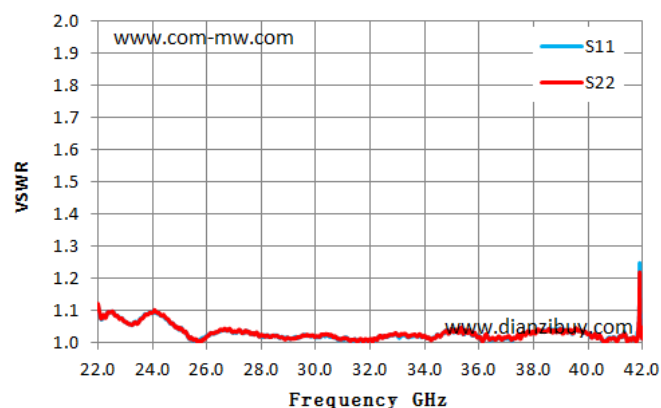
Other parameters

Power Capacity	200W Design assurance
Waveguide model	Rect waveguide
Waveguide shape	Twisted waveguide
Connector 1	BJ320 or WR28
Connector 2	BJ320 or WR28
Flange model	FBP320
Surface	Gold-plating
Product shell material	Copper
Operation Temp.	-40~+70°C Design assurance

Configuration(mm)



Typical test curve



Typical test data

Frequency GHz	S11 VSWR	S22 VSWR	S12 IL (dB)
22.00	1.12	1.12	-0.08
23.43	1.06	1.06	-0.05
24.86	1.05	1.05	-0.03
26.29	1.03	1.03	-0.03
27.71	1.03	1.03	-0.03
29.14	1.01	1.01	-0.02
30.57	1.02	1.02	-0.02
32.00	1.01	1.01	-0.02
33.43	1.02	1.02	-0.02
34.86	1.03	1.03	-0.02
36.29	1.02	1.02	-0.02
37.71	1.03	1.02	-0.03
39.14	1.04	1.03	-0.03
40.57	1.00	1.00	-0.03
42.00	1.01	1.01	-0.03

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