

Main specifications

Parameters	Min	Typical	Max	Units
Frequency	37.5	~	50	GHz
IL			0.5	dB
VSWR			1.25	

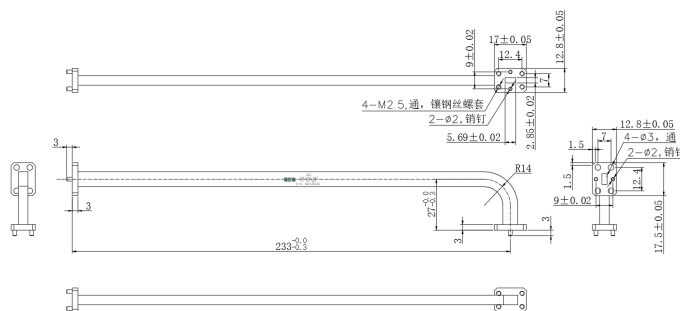
Other parameters

Power Capacity	70W Design assurance
Waveguide model	Rect waveguider
Waveguide shape	straight waveguide
Connector 1	BJ400 or WR22
Connector 2	BJ400 or WR22
Flange model	Non-standard flange
Surface	内镀银外本导
Product shell material	Aluminum
Operation Temp.	-40~+70°C Design assurance

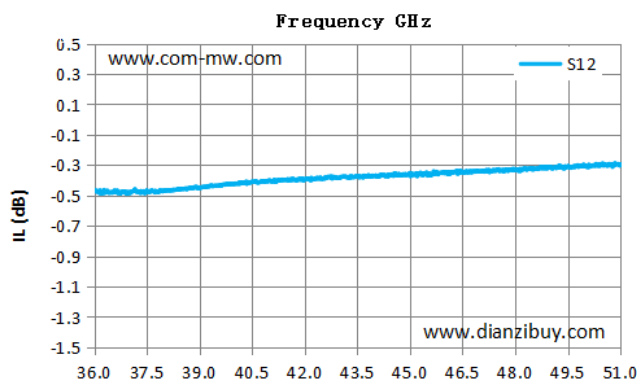
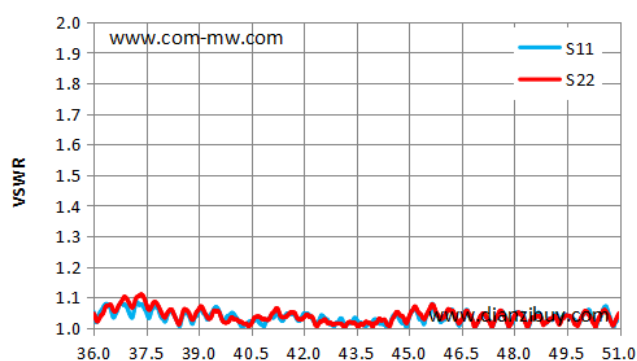
Typical test data

Frequency GHz	S11 VSWR	S22 VSWR	S12 IL dB
36.00	1.05	1.05	-0.47
37.07	1.04	1.07	-0.48
38.14	1.05	1.06	-0.46
39.21	1.04	1.04	-0.44
40.29	1.01	1.01	-0.42
41.36	1.03	1.04	-0.40
42.43	1.02	1.01	-0.39
43.50	1.03	1.01	-0.38
44.57	1.04	1.04	-0.36
45.64	1.08	1.08	-0.36
46.71	1.04	1.05	-0.34
47.79	1.03	1.02	-0.33
48.86	1.02	1.01	-0.32
49.93	1.03	1.04	-0.30
51.00	1.04	1.05	-0.29

Configuration(mm)



Typical test curve



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