

Main specifications

Parameters	Min	Typical	Max	Units
Frequency	49.8	~	70	GHz
IL			0.4	dB
VSWR			1.35	

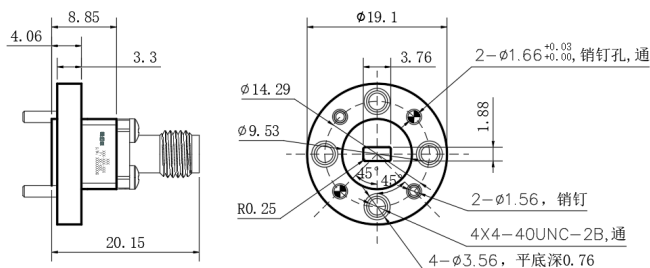
Reference picture



Other parameters

Power Capacity	10W Design assurance
Waveguide model	Rect waveguider
Connector 1	BJ620 or WR15
Connector 2	1.85-F or K
Flange model	FUGP620
Surface	Gold-plating
Product shell material	Copper
Operation Temp.	-40~+70°C Design assurance

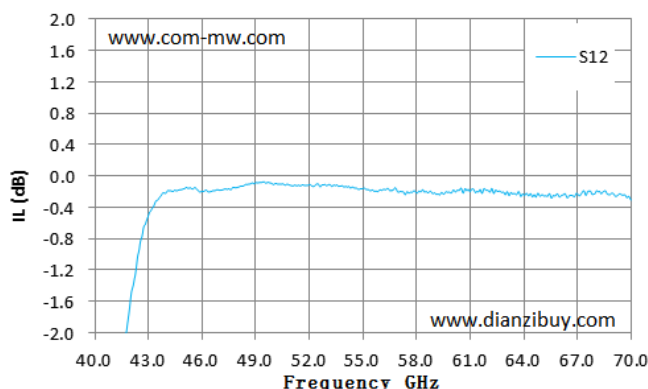
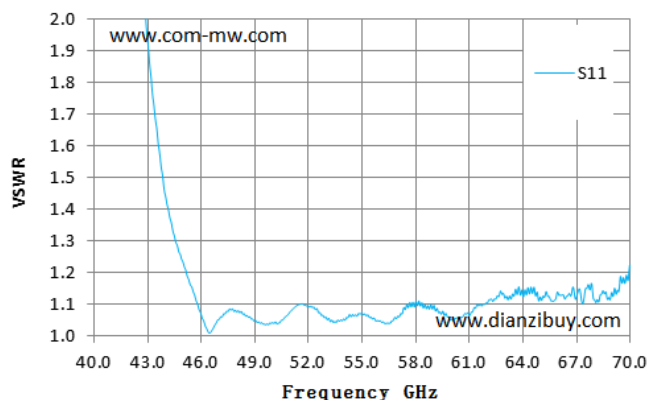
Configuration(mm)



Typical test curve

Typical test data

Frequency GHz	S11 VSWR	S12 IL dB
40.00	12.78	-4.94
42.14	2.60	-1.42
44.29	1.37	-0.19
46.43	1.01	-0.20
48.57	1.06	-0.11
50.71	1.06	-0.11
52.86	1.06	-0.10
55.00	1.07	-0.16
57.14	1.06	-0.20
59.29	1.07	-0.24
61.43	1.10	-0.20
63.57	1.14	-0.23
65.71	1.11	-0.25
67.86	1.16	-0.23
70.00	1.22	-0.30



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