

Product features

Broadband, Low VSWR

Main specifications

Parameters	Min	Typical	Max	Units
Frequency	39.2	~	59.6	GHz
IL			0.35	dB
VSWR			1.4	

Other parameters

Power Capacity	10W
Waveguide model	Rect waveguider
Connector 1	BJ500
Connector 2	1.85-K
Flange model	FUGP500
Surface	Gold-plating
Product shell material	Copper
Operation Temp.	-45~+85°C Design assurance

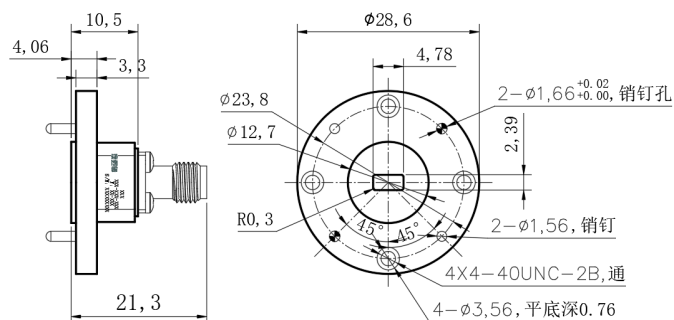
Typical test data

Frequency GHz	S11 VSWR	S12 IL (dB)
33	4.07	-3.19
35.64	1.68	-0.11
38.29	1.29	-0.18
40.93	1.21	-0.14
43.57	1.25	-0.18
46.21	1.23	-0.09
48.86	1.19	-0.14
51.5	1.13	-0.09
54.14	1.19	-0.2
56.79	1.17	-0.13
59.43	1.17	-0.24
62.07	1.17	-0.2
64.71	1.17	-0.29
67.36	1.29	-0.46
70	1.81	-0.46

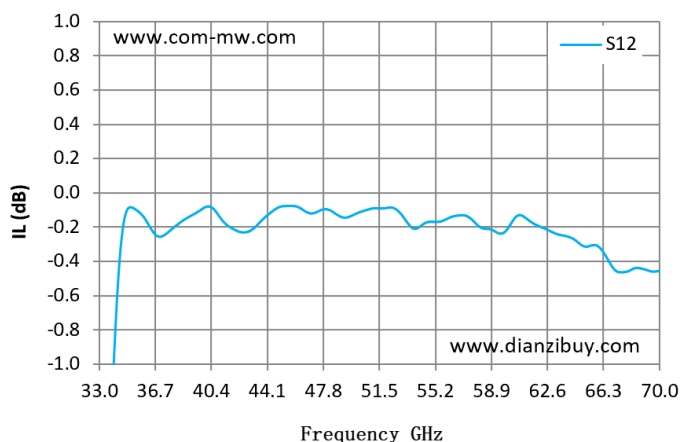
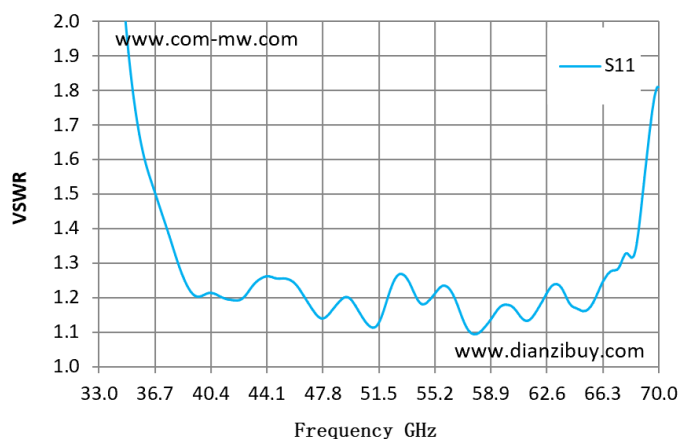
Reference picture



Configuration(mm)



Typical test curve



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