

Product features

Broadband, Low VSWR

Main specifications

Parameters	Min	Typical	Max	Units
Frequency	39.2	~	59.6	GHz
IL			0.5	dB
VSWR			1.4	

Other parameters

Power Capacity	10W
Waveguide model	Rect waveguider
Connector 1	BJ500
Connector 2	2.4-K
Flange model	FUGP500
Surface	Gold-plating
Product shell material	Copper
Operation Temp.	-45~+85°C Design assurance

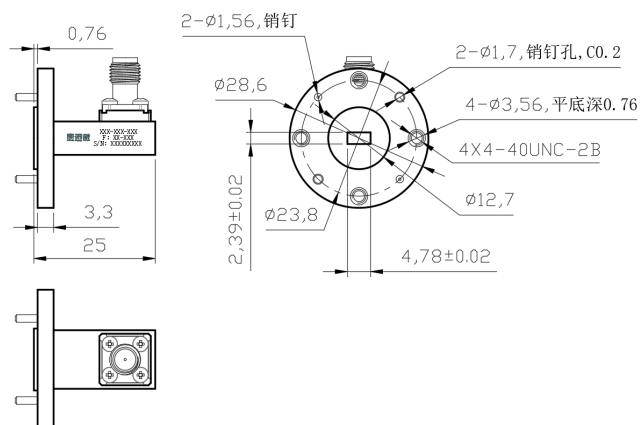
Typical test data

Frequency(GHz)	S11 VSWR	S12 IL dB
35	1.78	-1.04
37.14	1.51	-0.42
39.29	1.17	-0.18
41.43	1.07	-0.07
43.57	1.2	-0.07
45.71	1.08	-0.05
47.86	1.08	-0.13
50	1.13	-0.07
52.14	1.2	-0.11
54.29	1.1	-0.07
56.43	1.04	-0.14
58.57	1.04	-0.11
60.71	1.08	-0.18
62.86	1.31	-0.73
65	1.4	-1.38

Reference picture



Configuration(mm)



Typical test curve

