

Product features

Low loss, high power.

Main specifications

Parameters	Min	Typical	Max	Units
Frequency	32.9	~	50	GHz
IL			0.5	dB
Coupling	28.5	30	31.5	dB
Directivity	18			dB
Main line VSWR			1.2	
Coupled line VS WR			1.5	

Other parameters

Connector	Waveguide
Waveguide port	BJ400
Surface	Gold-plating
Power	70W Design assurance
Shell Material	Copper
Work Temp.	-55~+85°C Design assurance
Storage Temp.	-55~+85°C Design assurance

Port Definition

Input port	IN	(FUGP400)
Output port	OUT	(FUGP400)
Coupling port	-30dB	(2.4mm-K)

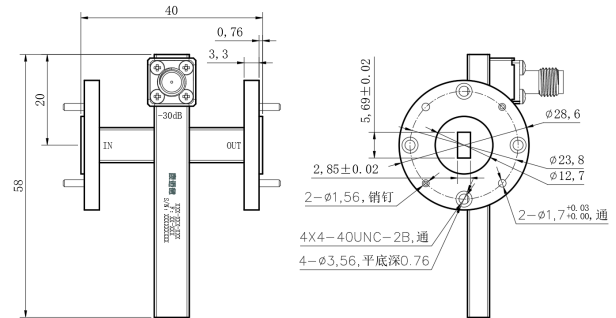
Typical test data

Frequency(GHz)	S11 VSWR	S33 VSWR	S12 IL dB	S13 coupling	S23 Directivity
32	1.01	1.23	-0.14	-31.45	-28.9
33.29	1.03	1.23	-0.13	-30.75	-31.02
34.57	1.02	1.14	-0.13	-30.2	-25.26
35.86	1.02	1.22	-0.13	-29.83	-32.13
37.14	1.01	1.21	-0.14	-29.57	-28.68
38.43	1.02	1.12	-0.17	-29.39	-27.34
39.71	1	1.27	-0.16	-29.32	-31.61
41	1.01	1.23	-0.13	-29.3	-44.18
42.29	1.03	1.28	-0.11	-29.34	-32.82
43.57	1.02	1.26	-0.13	-29.53	-26.63
44.86	1.05	1.16	-0.13	-29.74	-24.61
46.14	1.05	1.32	-0.12	-30.08	-27.55
47.43	1.03	1.23	-0.12	-30.44	-24.94
48.71	1.04	1.16	-0.11	-30.9	-35.81
50	1.07	1.13	-0.09	-31.43	-29.45

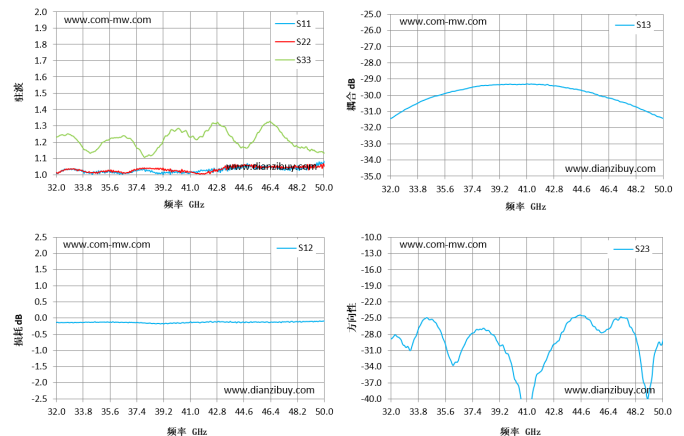
Reference picture



Configuration(mm)



Typical test curve



Note

1	Please do not wash the product in the cleaning solution..Please do not wash the product in the cleaning solution.
2	If the temperature is higher than 125°C, consult with us before ordering.