

Product features

Broadband, high-power.

Main specifications

Parameters	Min	Typical	Max	Units
Frequency	18	~	40	GHz
IL			0.4	dB
VSWR			1.4	

Other parameters

Power	50W Design assurance
Waveguide model	Ridged waveguide
Connector 1	WRD180C24
Connector 2	2.92-K
Surface	Black baking paint
Product shell material	Aluminium
Work Temp.	-40~+70°C Design assurance

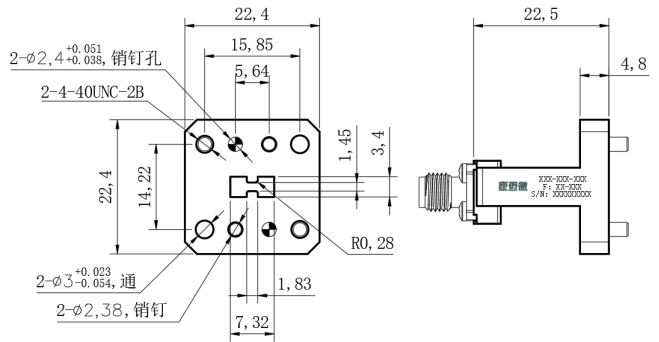
Typical test data

Frequency(GHz)	S11 VSWR	S12 IL dB
17	1.25	-0.08
18.71	1.05	-0.1
20.43	1.04	-0.11
22.14	1.06	-0.09
23.86	1.08	-0.08
25.57	1.16	-0.15
27.29	1.14	-0.15
29	1.16	-0.2
30.71	1.12	-0.18
32.43	1.14	-0.07
34.14	1.19	-0.28
35.86	1.08	-0.16
37.57	1.08	-0.14
39.29	1.15	-0.13
41	1.26	-0.18

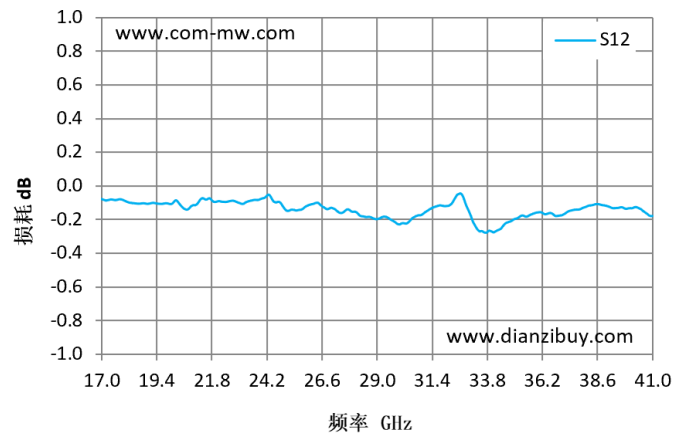
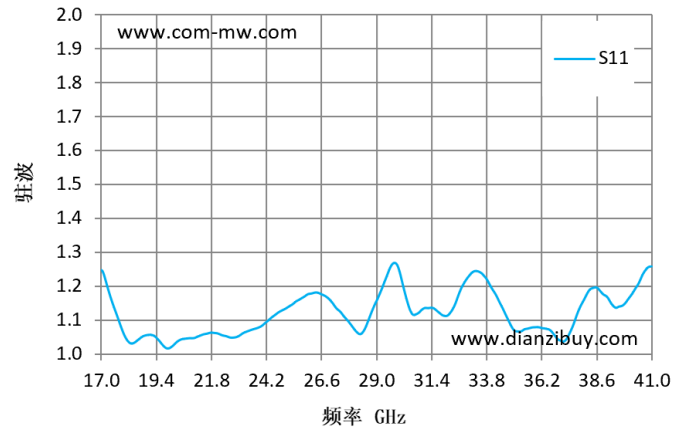
Reference picture



Configuration(mm)



Typical test curve



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