

Product features

Broadband, high-power.

Main specifications

Parameters	Min	Typical	Max	Units
Frequency	5.8	~	16	GHz
IL			0.3	dB
VSWR			1.3	

Other parameters

Power Capacity	Average power 300W, peak power 3000W Design assurance
Waveguide model	Ridged waveguide
Connector 1	WRD580
Connector 2	N-K
Surface	Black baking paint
Product shell material	Aluminium
Operation Temp.	-40~+70°C Design assurance

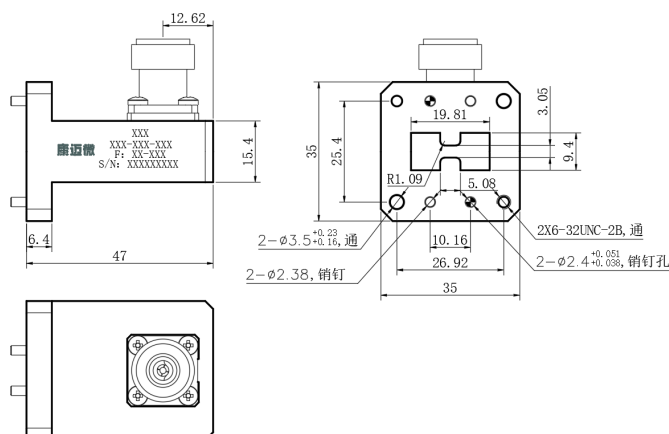
Typical test data

Frequency GHz	S11 VSWR	S12 IL (dB)
5.6	1.18	-0.11
6.38	1.09	-0.07
7.16	1.11	-0.06
7.94	1.1	-0.09
8.71	1.17	-0.11
9.49	1.12	-0.07
10.27	1.06	-0.07
11.05	1.07	-0.07
11.83	1.06	-0.07
12.61	1.03	-0.09
13.39	1.2	-0.09
14.16	1.15	-0.14
14.94	1.09	-0.15
15.72	1.17	-0.11
16.5	1.13	-0.21

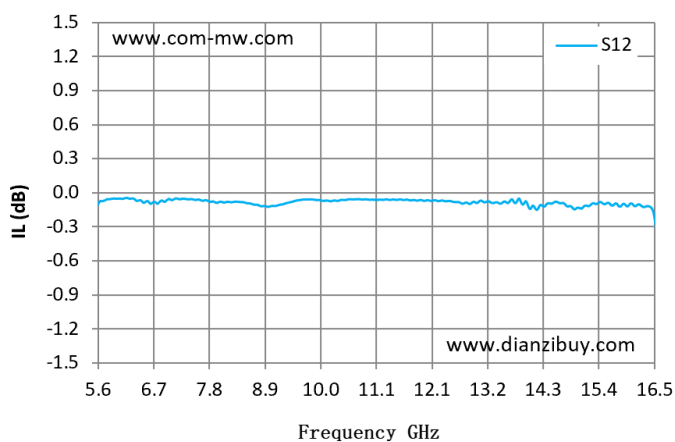
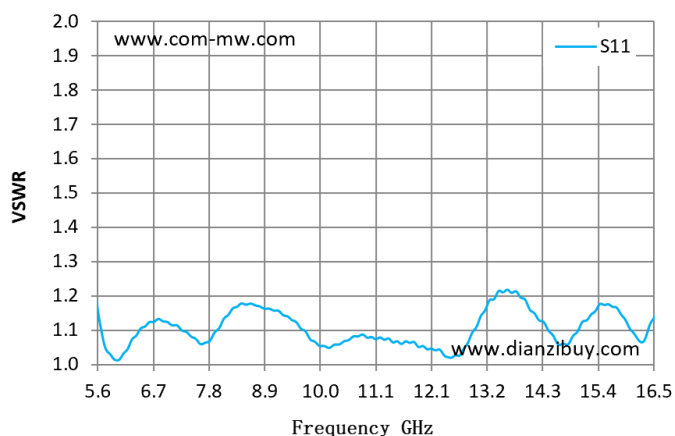
Reference picture



Configuration(mm)



Typical test curve



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