

Main specifications

Parameters	Min	Typical	Max	Units
Frequency	5.38	~	8.17	GHz
IL			0.3	dB
VSWR			1.2	dB

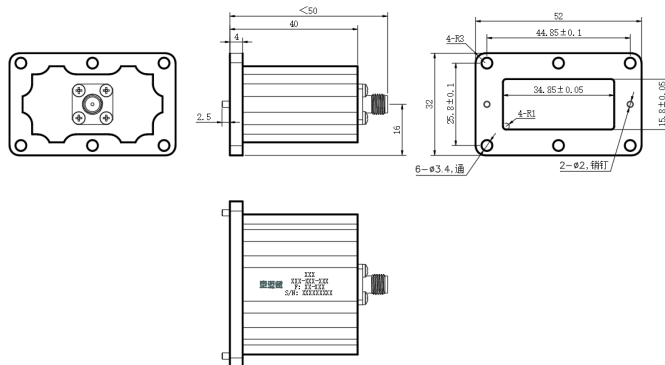
Reference picture



Other parameters

Power Capacity	100W Design assurance
Waveguide model	Rect waveguider
Connector 1	BJ70 non-standard flange
Connector 2	SMA-K
Surface	Conductive oxidation
Product shell material	Aluminium
Operation Temp.	-40~+70°C Design assurance

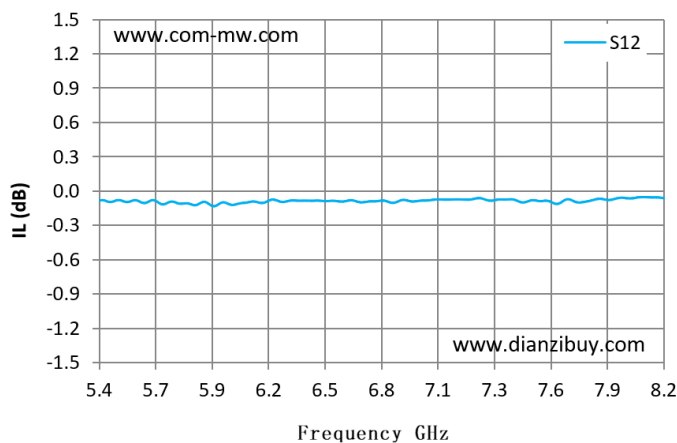
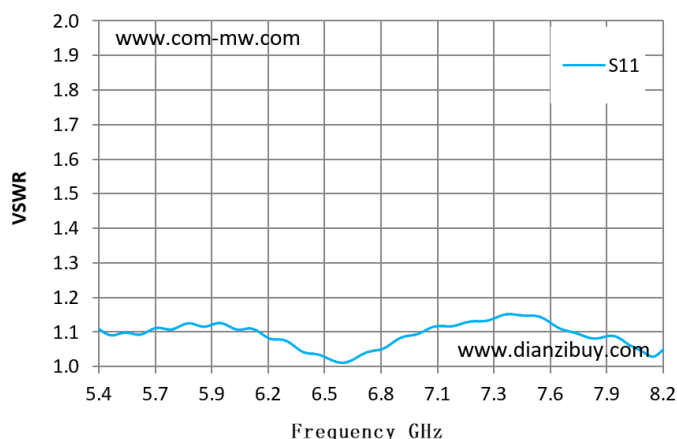
Configuration(mm)



Typical test data

Frequency GHz	S11 VSWR	S12 IL (dB)
5.38	1.11	-0.08
5.58	1.09	-0.09
5.78	1.12	-0.11
5.98	1.13	-0.1
6.18	1.1	-0.1
6.38	1.05	-0.08
6.58	1.01	-0.09
6.78	1.05	-0.08
6.97	1.1	-0.08
7.17	1.12	-0.07
7.37	1.15	-0.07
7.57	1.14	-0.09
7.77	1.09	-0.1
7.97	1.08	-0.06
8.17	1.05	-0.06

Typical test curve



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