

Product features

Low loss, high power.

Main specifications

Parameters	Min	Typical	Max	Units
Frequency	2.4	~	2.5	GHz
IL			0.45	dB
Isolation	9			dB
Common port VSWR			1.3	
Dispatch Ports VSWR			Not have	
Amplitude balance			0.3	dB
Phase balance			5	°

Other parameters

Power Capacity	5000W Design assurance
way	8 Way Radial synthesizer
Phase	0°
Connector	Waveguide
Surface	Conductive oxidation
Product shell material	Aluminium
Operation Temperature	-40~+70°C Design assurance

Port Definition

Common port	0 (FDP26)
Branch port	1~8 (L29-K)

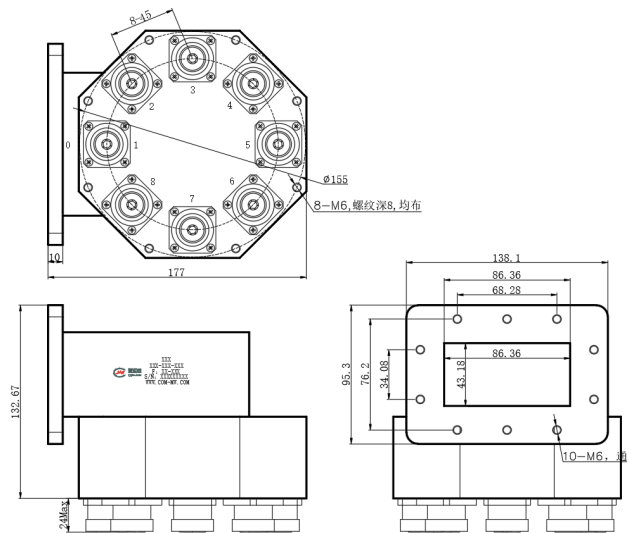
Typical test data

Frequency GHz	S11 VSWR	S12 IL (dB)	S13 Phase (°)	S23 ISO dB
2.3	1.08	-9.22	-0.17	-11.36
2.32	1.05	-9.23	-0.16	-11.35
2.34	1.02	-9.2	-0.17	-11.31
2.36	1.03	-9.2	-0.22	-11.28
2.39	1.08	-9.24	-0.16	-11.24
2.41	1.1	-9.27	-0.16	-11.2
2.43	1.12	-9.24	-0.26	-11.08
2.45	1.14	-9.23	-0.24	-10.97
2.47	1.15	-9.23	-0.29	-10.89
2.49	1.15	-9.25	-0.17	-10.85
2.51	1.15	-9.28	-0.19	-10.81
2.54	1.14	-9.32	-0.14	-10.74
2.56	1.12	-9.28	-0.1	-10.67
2.58	1.1	-9.27	-0.22	-10.62
2.6	1.08	-9.28	-0.17	-10.62

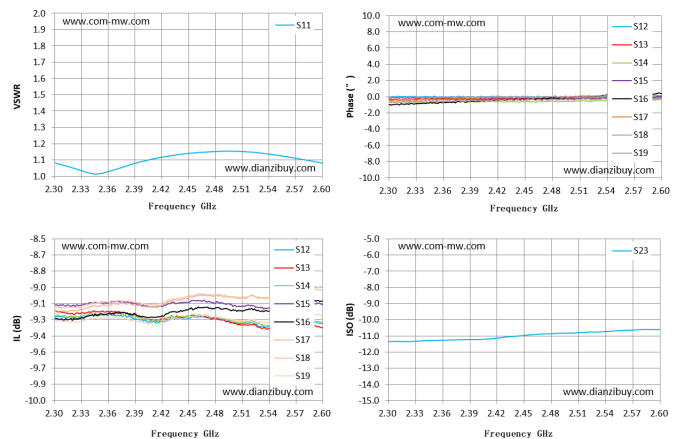
Reference picture



Configuration(mm)



Typical test curve



Note

1	Clean the surface of the product, do not soak the product in cleaning solution for cleaning.
2	If the temperature is higher than 125°C, consult with us before ordering.