

Product features

Broadband, high-power, dual directional coupler.

tech specifications

Parameters	Min	Typical	Max	Units
Frequency	1	~	2.2	GHz
IL			0.25	dB
Coupling	38.5	40	41.5	dB
Directivity	18			dB
VSWR			1.2	

Other parameters

Connector	L29-JK
Connector material	Shell copper
Impedance	50Ω
Surface	Conductive oxidation
Power	1800W
Shell Material	Aluminium
Work Temp.	-30~+70°C Design assurance
Other	Coupling port: SMA-K, equipped with two SMA-J loads.

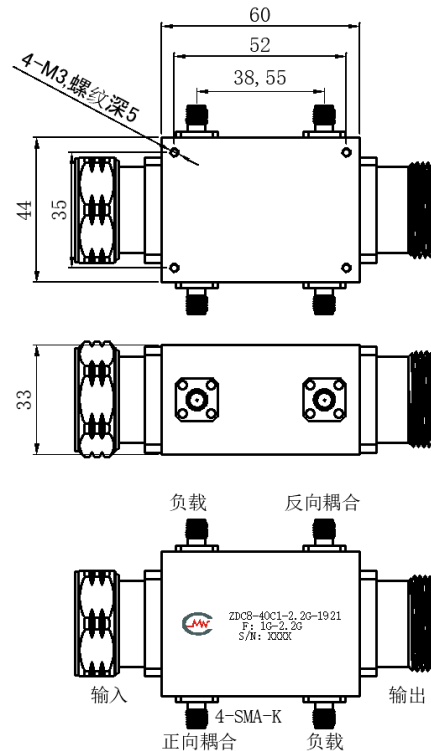
Typical test data

Frequency MHz	S11 VSWR	S33 VSWR	S13 Coupling	S12 IL dB	S14 ISO
900	1.06	1.01	-41.48	-0.03	-68.75
1000	1.05	1.01	-40.81	-0.05	-68.46
1100	1.03	1.02	-40.3	-0.05	-67.98
1200	1.01	1.02	-39.88	-0.05	-68.97
1300	1.02	1.02	-39.57	-0.05	-69.13
1400	1.04	1.02	-39.32	-0.06	-68.79
1500	1.05	1.03	-39.18	-0.07	-67.49
1600	1.06	1.02	-39.11	-0.08	-65.91
1700	1.05	1.02	-39.14	-0.06	-64.65
1800	1.03	1.02	-39.24	-0.07	-63.34
1900	1.01	1.03	-39.41	-0.07	-62.23
2000	1.03	1.04	-39.66	-0.08	-61.65
2100	1.06	1.05	-40	-0.08	-61.31
2200	1.09	1.06	-40.48	-0.09	-61.25
2300	1.1	1.08	-41.01	-0.09	-61.38

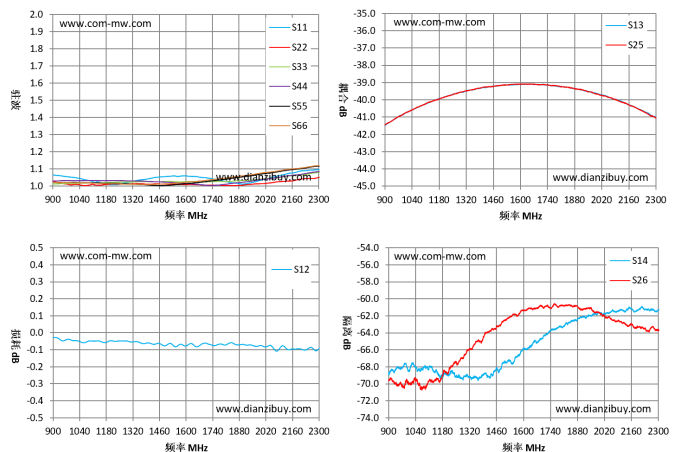
Reference picture



Configuration(mm)



Typical test curve



Other parameters

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

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