

Product features

Broadband, high-power.

Main specifications

Parameters	Min	Typical	Max	Units
Frequency	1000	~	4000	MHz
IL		0.2	0.35	dB
Coupling	18.8	20	21.2	dB
Directivity	15	18		dB
Main line VSWR		1.2	1.3	
Coupled line VSWR		1.2	1.3	

Other parameters

Connector	SMA-K
Impedance	50Ω
Power	50W
Work Temp.	-40~+70°C Design assurance

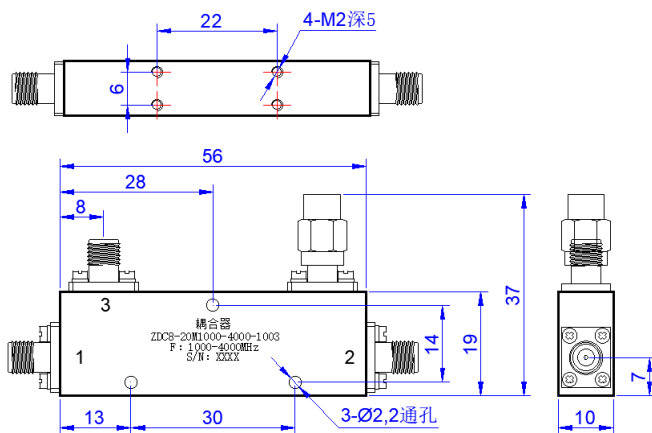
Port Definition

Input port	1
Output port	2
Coupling port	3

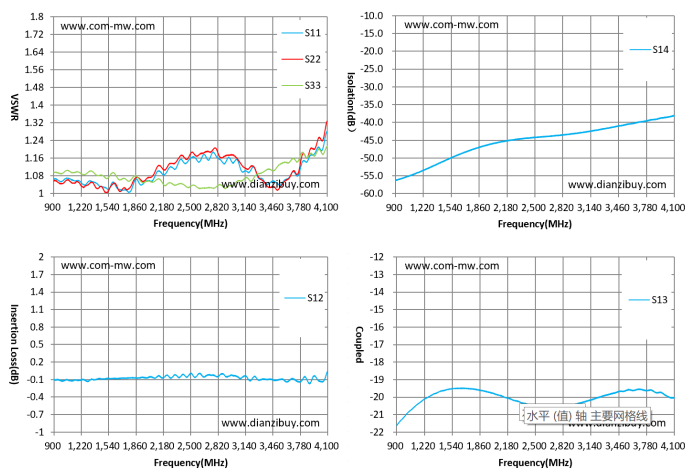
Reference picture



Configuration(mm)



Typical test curve



Note

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

Typical test data

F(MHz)	S12 IL	S23I SO	S11VS WR	S33VS WR	S13 C
1000	-0.1 2	-55.5	1.06	1.09	-21
1400	-0.0 8	-51.2	1.04	1.08	-19. 6
1800	-0.0 6	-47.5	1.01	1.06	-19. 6
2100	-0.0 4	-45.5	1.1	1.06	-19. 9
2400	-0.0 5	-44.4	1.14	1.04	-20. 4
2700	-0.0 6	-43.7	1.15	1.02	-20. 6
3100	-0.0 7	-42.6	1.1	1.06	-20. 2
3500	-0.1	-40.8	1.05	1.11	-19. 7
4000	-0.1 3	-38.5	1.21	1.2	-19. 9

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