

Product features

Broadband, high-power.

Main specifications

Parameters	Min	Typical	Max	Units
Frequency	6000	~	18000	MHz
IL		0.4	0.8	dB
Coupling	48.5	50	51.5	dB
Directivity	15			dB
Main line VSWR			1.35	
Coupled line VSWR			1.5	

Other parameters

Through port	N-K
Coupling port	SMA-K
Impedance	50Ω
Surface	Conductive oxidation
Power Capacity	200W Design assurance
Operation Temp.	-55~+75°C Design assurance

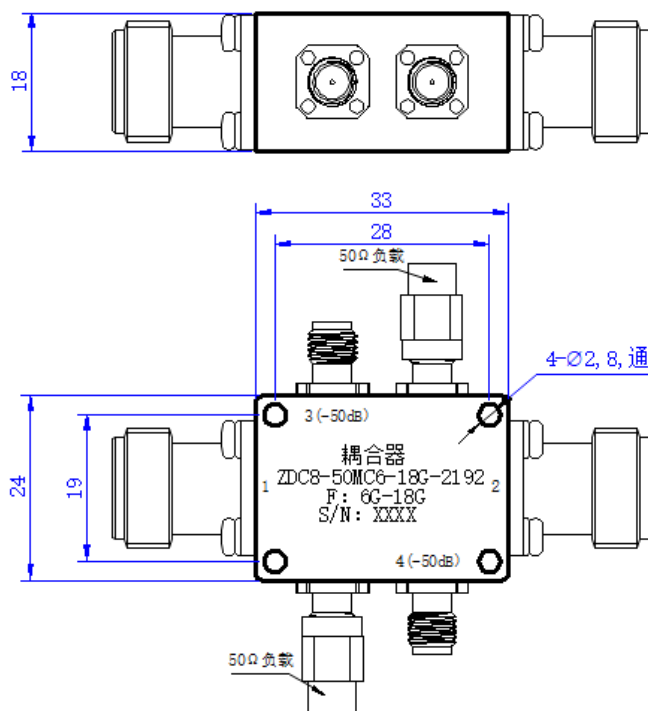
Port Definition

Input port	1	2
Output port	2	1
Coupling port	3	4

Reference picture



Configuration(mm)

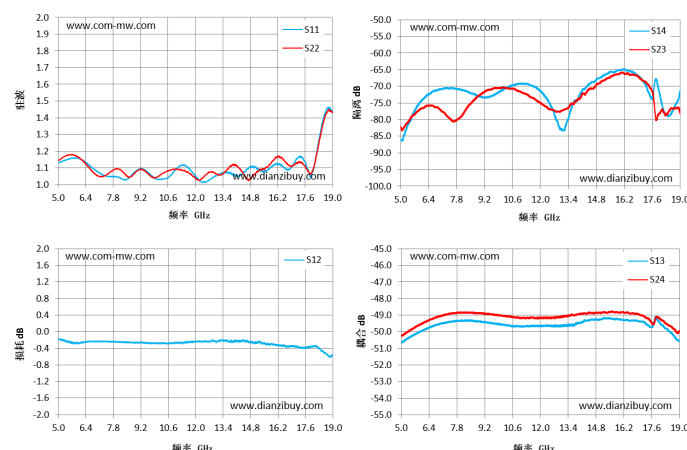


Note: The specifications and performance data contained in this data sheet are based on tests established by CMW.

Typical test data

Frequency(GHz)	S11 VSW R	S12 IL dB	S14 ISO dB	S13 coupl ing	S24 Coupl ing
5	1.13	-0.1 7	-86	-50.6 5	-50.22
6	1.16	-0.2 8	-74.6 7	-49.9 6	-49.54
7	1.08	-0.2 4	-70.8 7	-49.5	-49.05
8	1.05	-0.2 5	-71.0 1	-49.3 2	-48.83
9	1.08	-0.2 6	-73.0 6	-49.3 9	-48.88
10	1.03	-0.2 8	-71.5	-49.5 6	-49.02
11	1.09	-0.2 7	-69.2 1	-49.6 7	-49.17
12	1.05	-0.2 4	-71.4 5	-49.6 4	-49.16
13	1.05	-0.2 3	-83.0 7	-49.6 8	-49.11
14	1.06	-0.2 2	-72.2 8	-49.4 9	-48.91
15	1.1	-0.2 8	-67.4 7	-49.2 4	-48.85
16	1.11	-0.3 1	-65.1 5	-49.2 6	-48.85
17	1.12	-0.3 5	-67.4 3	-49.3 9	-48.98
18	1.08	-0.3 5	-72.7 6	-49.4 4	-49.2
19	1.44	-0.5 8	-71.2 5	-50.5 6	-49.94

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.