

Main specifications

Parameters	Min	Typical	Max	Units
Frequency	0.5	~	6	GHz
IL			1	dB
Theoretical loss			9	dB
Isolation		No		dB
Common port VSWR			1.5	
Branching port VSWR		No		
Amplitude balance			± 0.5	dB
Phase balance			± 6	°

Other parameters

Power Capacity	400W Design assurance
X-Way	8-way
Phase	0°
Impedance	50Ω
Public interface form	N-F or K
Allocation end interface form	SMA-F or K
Surface	Conductive oxidation
Product shell material	Aluminium
Operation Temp.	-40~+70°C Design assurance
Quality Grade	Industrial grade

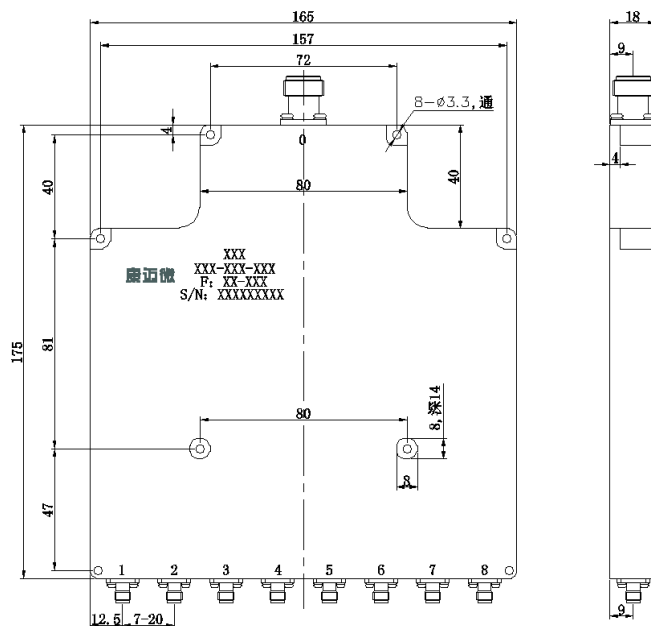
Port Definition

Common port	0
Dispatch Port	1~8

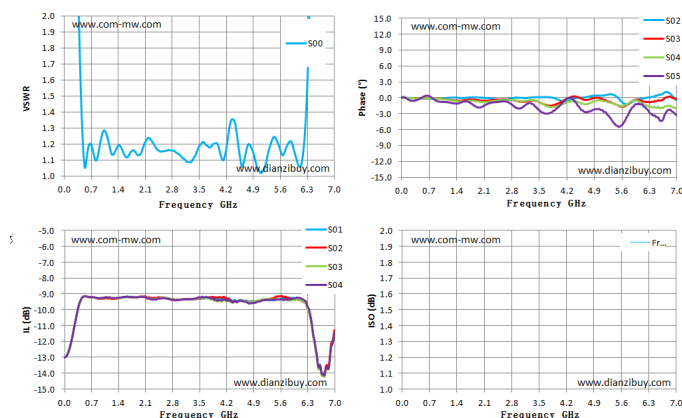
Reference picture



Configuration(mm)



Typical test curve



Note

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

Typical test data

Frequency GHz	S00 VSWR	S01 IL dB	S02 IL dB	S02 Phase	S03 Phase
0.01	7.73	-13.00	-13.01	-0.01	-0.02
0.51	1.14	-9.15	-9.15	-0.11	-0.11
1.01	1.27	-9.27	-9.30	-0.15	-0.18
1.51	1.17	-9.20	-9.21	-0.02	-0.52
2.01	1.15	-9.18	-9.16	0.04	-0.51
2.51	1.15	-9.23	-9.23	-0.37	-0.33
3.01	1.13	-9.36	-9.36	0.01	-0.70
3.51	1.19	-9.31	-9.30	0.12	-0.84
4.00	1.19	-9.28	-9.20	-0.40	-1.01
4.50	1.22	-9.42	-9.48	0.03	0.09
5.00	1.06	-9.43	-9.43	0.41	0.01
5.50	1.23	-9.34	-9.15	0.06	-1.39
6.00	1.12	-9.27	-9.35	-0.31	-0.38
6.50	4.60	-12.37	-12.45	0.46	-0.55
7.00	3.39	-11.47	-11.29	-0.44	-0.25

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