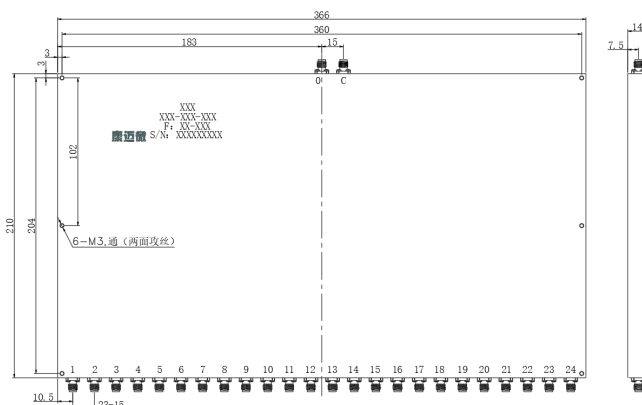


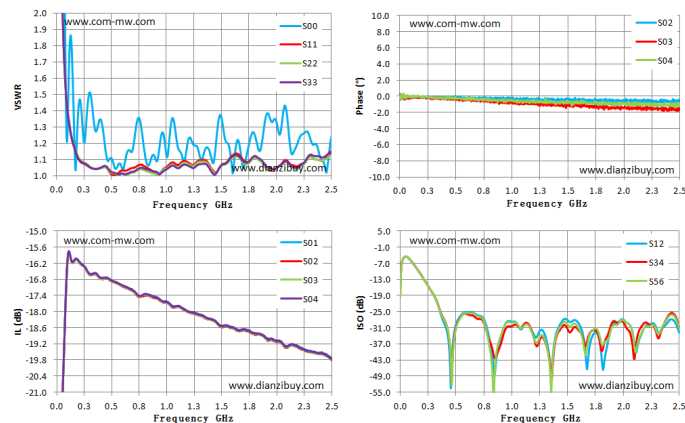
Main specifications

Parameters	Min	Typical	Max	Units
Frequency	350	~	2000	MHz
IL			23	dB
Isolation	18			dB
Common port VSWR			1.8	
Branching port VSWR			1.6	
Amplitude balance			± 0.8	dB
Phase balance			± 8	°
Coupling	12	13.5	15	dB
Coupling port VSWR			1.6	

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.

Other parameters

Power Capacity	30W Design assurance
X-Way	24-way
Phase	0°
Impedance	50Ω
Connector	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	1~24
Coupling port	C

Typical test data

Frequency GHz	S00 VSW R	S11 VSW R	S01 IL dB	S02 Pha se	S1 2 ISO
0.01	19.79	15.92	-22.50	-0.07	-19.07
0.18	1.08	1.14	-16.03	-0.12	-10.56
0.36	1.27	1.04	-16.60	-0.06	-25.45
0.54	1.04	1.00	-16.90	-0.17	-26.67
0.71	1.23	1.05	-17.28	-0.31	-26.48
0.89	1.13	1.03	-17.48	-0.27	-36.22
1.07	1.33	1.08	-17.82	-0.52	-31.06
1.25	1.19	1.07	-18.05	-0.41	-32.49
1.43	1.08	1.03	-18.32	-0.50	-30.09
1.61	1.04	1.13	-18.58	-0.40	-30.10
1.79	1.27	1.11	-18.81	-0.53	-36.30
1.96	1.33	1.03	-19.03	-0.58	-28.70
2.14	1.14	1.07	-19.24	-0.84	-36.10
2.32	1.21	1.12	-19.51	-0.50	-33.12
2.50	1.24	1.14	-19.74	-0.60	-32.77

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