

Main specifications

Parameters	Min	Typical	Max	Units
Frequency	8	~	12	GHz
IL			0.9	dB
Isolation			Not have	
Combined port VSWR			1.4	
Dispatch Ports VSWR			Not have	
Phase balance			±6	°
Amplitude balance			±0.4	dB
Coupling	38.5	40	41.5	dB
Directivity	15			dB
Coupling port VSWR			1.5	

Other parameters

Power	300W设计保证 (平均功率)
way	6-way
Phase	0°
Impedance	50Ω
Connector	N-K
Surface	White
Product shell material	Aluminium
Work Temp.	-40~+70°C Design assurance

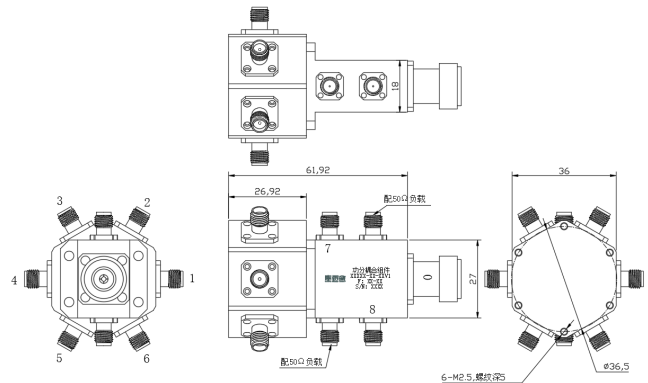
Port Definition

Common port	0 (N-K)
Dispatch Port	1,2,3,4,5,6 (SMA-K)
Forward coupling port	7 (SMA-K)
Reverse coupling port	8 (SMA-K)

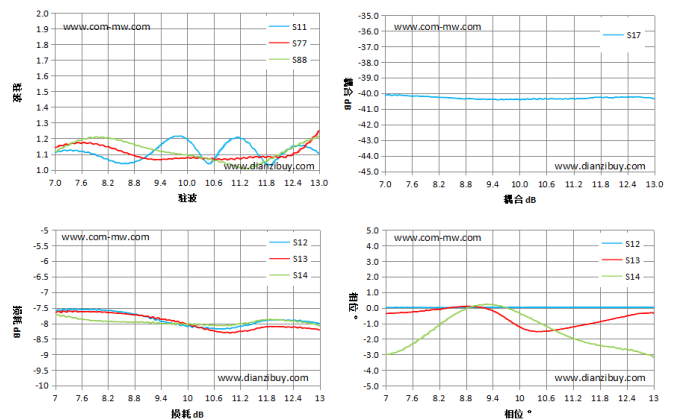
Typical test data

Frequency(GHz)	S11 VS WR	S77 驻波	S12 IL d B	S13 IL d B	S17 耦合 dB	S12 Phase (°)	S13 Phase (°)
7	1.11	1.14	-7.61	-7.66	-40.14	0.02	-0.38
7.43	1.12	1.17	-7.55	-7.61	-40.14	0.02	-0.33
7.86	1.1	1.16	-7.56	-7.63	-40.2	0.01	-0.22
8.29	1.06	1.14	-7.59	-7.66	-40.26	0.02	-0.05
8.71	1.04	1.1	-7.69	-7.72	-40.35	0.02	0.08
9.14	1.1	1.07	-7.84	-7.81	-40.39	0.03	0.02
9.57	1.19	1.07	-7.98	-7.89	-40.4	0.03	-0.46
10	1.19	1.08	-8.11	-8.05	-40.43	0.03	-1.23
10.43	1.05	1.07	-8.14	-8.18	-40.34	0.03	-1.52
10.86	1.16	1.07	-8.17	-8.3	-40.36	0.03	-1.4
11.29	1.2	1.08	-8.07	-8.24	-40.34	0.03	-1.18
11.71	1.07	1.09	-7.92	-8.13	-40.26	0.03	-0.95
12.14	1.1	1.08	-7.88	-8.1	-40.25	0.03	-0.68
12.57	1.15	1.13	-7.91	-8.13	-40.23	0.03	-0.43
13	1.1	1.25	-8.01	-8.21	-40.35	0.03	-0.38

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.