

Product features

Broadband, small volume.

Main specifications

Parameters	Min	Typical	Max	Units
Frequency	5	~	1000	MHz
IL		1	1.5	dB
Isolation	15	20		dB
Input VSWR		1.4	1.6	
Output VSWR		1.4	1.6	
Amplitude balance			0.6	dB
Phase balance			8	°

Other parameters

Power	1W
way	4-way
Phase	0°
Impedance	50Ω
Connector	SMA-K
Work Temp.	-40~+85°C Design assurance

Typical test data

F(MHz)	S12I L	S23IS O	S11VSW R	S22VSW R
5	-6.13	-33.5	1.07	1.18
10	-6.24	-38.2	1.05	1.1
50	-6.26	-38.1	1.04	1.06
100	-6.28	-36.2	1.03	1.06
200	-6.33	-35.3	1.03	1.08
400	-6.42	-30.2	1.06	1.14
600	-6.57	-25.5	1.15	1.21
800	-6.87	-23.7	1.27	1.26
1000	-7.22	-19.4	1.34	1.32

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.