

Product features

Broadband, low noise.

Main specifications

Parameters	Min	Typical	Max	Units
Frequency	0.01	~	1000	MHz
Gain	40			dB
Gain flatness		±1.25		dB
Noise figure			2	dB
VSWR			2.3	
P-1dB	15			dBm

Other parameters

Connector	N-K
Connector material	Stainless steel
Impedance	50Ω
Surface	Conductive oxidation
Working voltage	+12~15V
Working current	300mA
Reverse isolation	50dB
Work Temp.	-25~+70°C Design assurance
DC power	DC interface DC5.5mm (outer diameter) * 2.5mm (inner diameter), powered by 220V power adapter

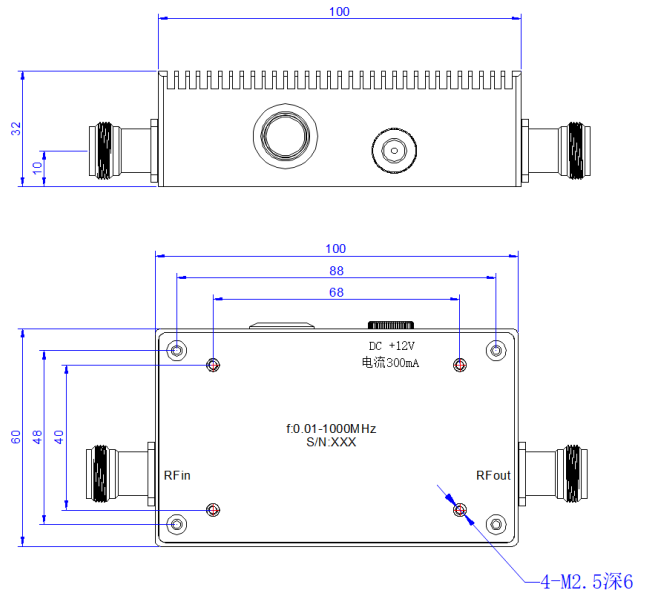
Typical test data

Frequency(MHz)	S11 VSWR	S22 VSWR	S21 Gain	S21 Noise	S21 P-1dB
0.01	1.52	1.79	41.62	/	16.3
1	1.5	1.75	41.82	/	17.2
10	1.38	1.42	43.51	1.19	18.3
100	1.29	1.3	43.1	1.19	18
200	1.47	1.32	43.1	1.09	18.08
300	1.7	1.33	43.15	1.11	18.02
400	1.91	1.37	43.25	1.33	17.96
500	2.03	1.4	43.36	1.53	17.73
600	2.03	1.46	43.48	1.56	17.76
700	1.85	1.55	43.63	1.51	17.63
800	1.6	1.72	43.71	1.43	17.38
900	1.37	1.95	43.73	1.51	17.03
1000	1.39	2.15	43.56	1.85	16.72

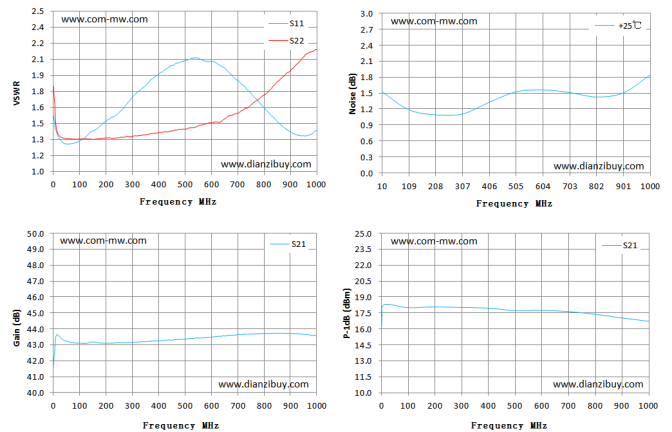
Reference picture



Configuration(mm)



Typical test curve



Note

Store in an environment with a humidity of less than 25% and pay attention to dust and static electricity prevention.