

Product features

Low noise, RF port feeding.

Main specifications

Parameters	Min	Typical	Max	Units
Frequency	960	~	1215	MHz
Gain	20			dB
Gain flatness			1	dB
Noise figure		0.8	1.1	dB
VSWR			1.8	
P-1dB	17			dBm

Other parameters

Connector	N-K
Impedance	50Ω
Working voltage	+12V
Working current	100mA
Operation Temp.	-20~+50°C Design assurance
Other	Rust proof aluminum 5A06 shell.

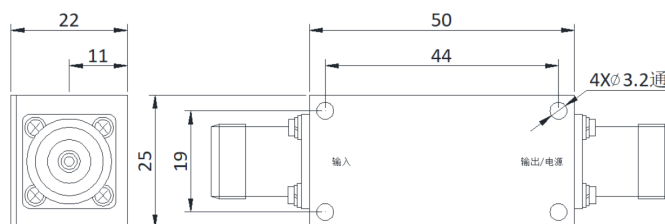
Typical test data

F(MHz)	P-1(dBm)	NF(dB)	S11V SWR	S22V SWR	Gain(dB)
900	18.1	0.48	1.71	1.33	21.9
940	18.8	0.41	1.7	1.29	21.8
980	18.8	0.34	1.7	1.8	21.7
1020	18.9	0.35	1.72	1.26	21.6
1060	19.1	0.34	1.72	1.22	21.5
1100	19.1	0.42	1.71	1.19	21.5
1140	19.1	0.51	1.72	1.67	21.4
1180	19.1	0.62	1.72	1.13	21.1
1220	19	0.69	1.72	1.12	21.1
1260	19.1	0.74	1.72	1.13	20.7
1300	19	0.81	1.71	1.18	20.2

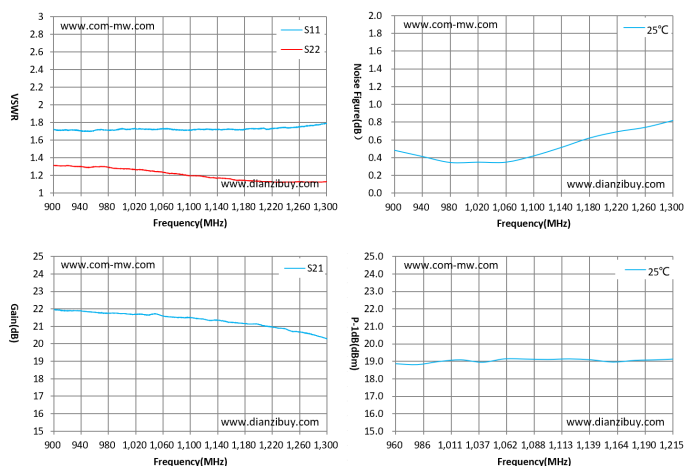
Reference picture



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.