

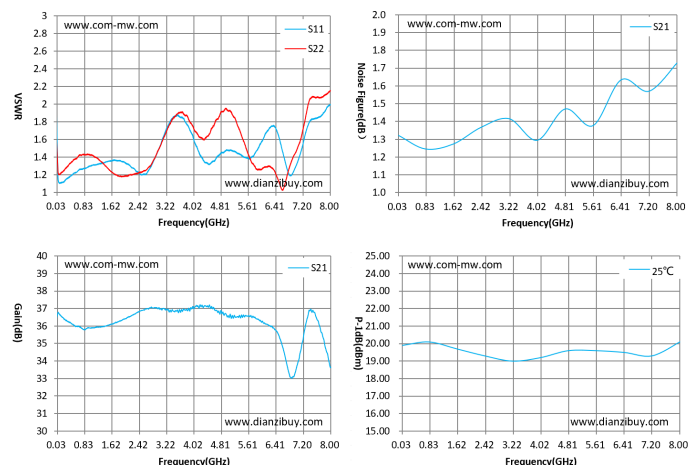
Main specifications

Parameters	Min	Typical	Max	Units
Frequency	30	~	6000	MHz
Gain	35			dB
Gain flatness			3	dB
Noise figure		1.5	2.5	dB
VSWR		1.8	2	
P-1dB	15			dBm

Other parameters

Connector	SMA-F Detachable Pin 0.38mm
Connector material	Stainless steel
Impedance	50Ω
Surface	Conductive oxidation
Working voltage	+12V
Working current	300mA
Reverse isolation	50dB
Operation Temp.	-30~+70°C Design assurance
Quality Grade	Industrial grade

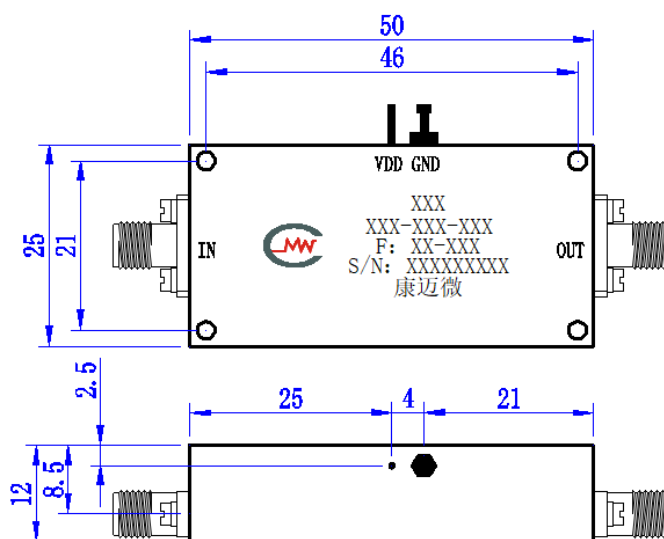
Typical test curve



Reference picture



Configuration(mm)



Note

Store in an environment with humidity less than 25%, pay attention to dust and static electricity prevention;

Please pay attention to the power consumption of the product and consider the issue of amplifier heat dissipation during design;

Working or storage temperature less than 125 °C;

Clean the surface of the product, do not soak the product in cleaning solution for cleaning.

Typical test data

F (GHz)	S11 VSW R	S22 VSW R	Gain (dB)	P-1 (dB m)	NF (d B)
0.03	1.54	1.42	36.59	19.90	1.32
0.80	1.27	1.43	35.79	20.10	1.24
1.60	1.36	1.23	36.10	19.70	1.27
2.40	1.23	1.22	36.81	19.30	1.37
3.20	1.71	1.67	36.94	19.00	1.41
4.00	1.61	1.73	37.02	19.20	1.29
4.80	1.44	1.91	36.87	19.60	1.47
5.60	1.38	1.43	36.56	19.60	1.38
6.40	1.73	1.21	35.74	19.50	1.63
7.20	1.55	1.71	35.32	19.30	1.57
8.00	1.99	2.15	33.61	20.10	1.73

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