

Main specifications

Parameters	Min	Typical	Max	Units
Frequency	100	~	3200	MHz
Gain	26	28		dB
Gain flatness			3	dB
Noise figure		1.7	2.2	dB
VSWR			2.2	
P-1dB	15			dBm

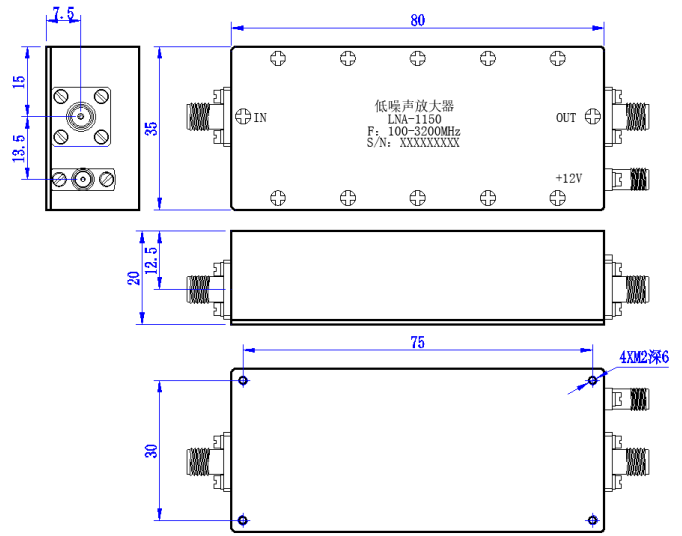
Other parameters

Connector	SMA-K
Impedance	50Ω
Surface	Conductive oxidation
Working voltage	+12V
Working current	200mA
Work Temp.	-20~+60°C Design assurance
Storage Temp.	-20~+80°C Design assurance
Other	SSMA Connector power supply

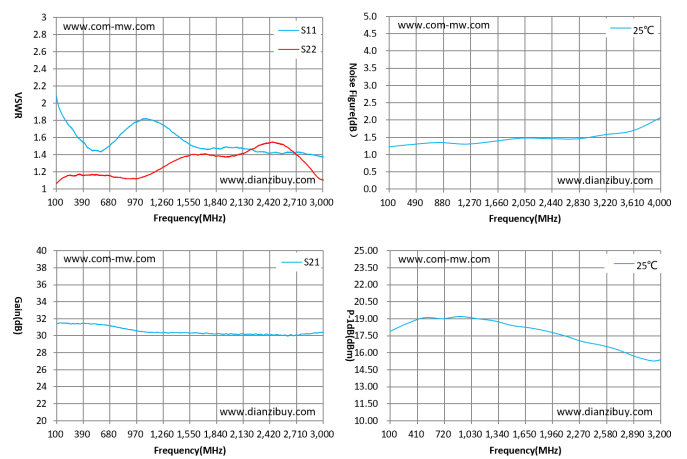
Typical test data

F(MHz)	P-1(dBm)	NF(dB)	S11 VSWR	S22 VSWR	Gain(dB)
100	17.9	1.22	2	1.06	31
409	18.6	1.28	1.5	1.15	31.4
808	19.1	1.34	1.64	1.27	30.8
1207	18.6	1.29	1.74	1.24	30.3
1606	18.3	1.37	1.48	1.39	30.4
2005	17.6	1.47	1.47	1.38	30.1
2404	17.2	1.45	1.41	1.53	30
2803	16.1	1.44	1.41	1.31	30.2
3202	15.4	1.57	1.33	1.42	29.7

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.