

Product features

Broadband, high gain.

Main specifications

Parameters	Min	Typical	Max	Units
Frequency	1	~	18	GHz
Gain	45			dB
Gain flatness			±2.5	dB
Noise figure			2.8	dB
VSWR			2.2	
P-1dB power	15			dBm

Other parameters

Connector	SMA-K detachable, Pin 0.38mm
Connector material	Stainless steel
Impedance	50Ω
Surface	Gold-plating
Working voltage	+12V
Working current	300mA
Work Temp.	-30~+70°C Design assurance

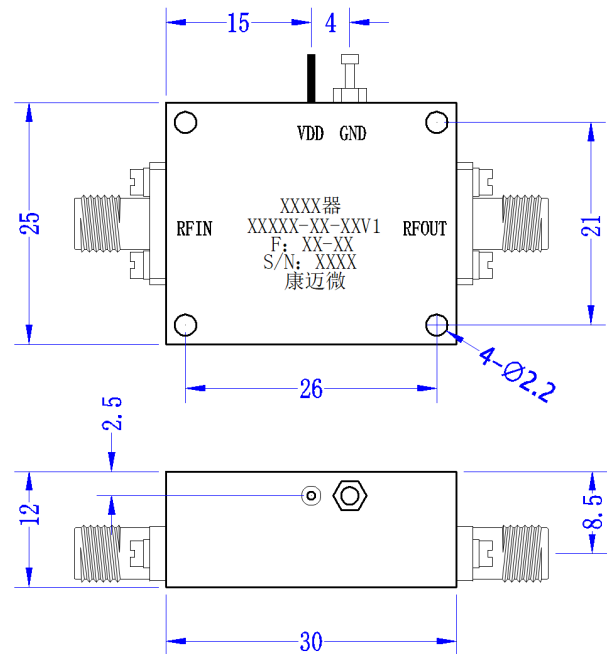
Typical test data

F(GHz)	NF(dB)	S11 VSWR	S22 VSWR	Gain(dB)
1	1.51	1.23	1.13	48.1
2	1.48	1.23	1.21	48.2
4	1.43	1.74	1.25	47.9
6	1.5	1.86	1.27	47.1
8	1.52	1.31	1.17	47.8
10	1.55	1.68	1.47	48.1
12	1.62	1.72	1.41	47.8
14	1.71	1.49	1.38	47.9
16	1.86	1.56	1.62	47.8
18	2.11	1.71	1.22	46.9

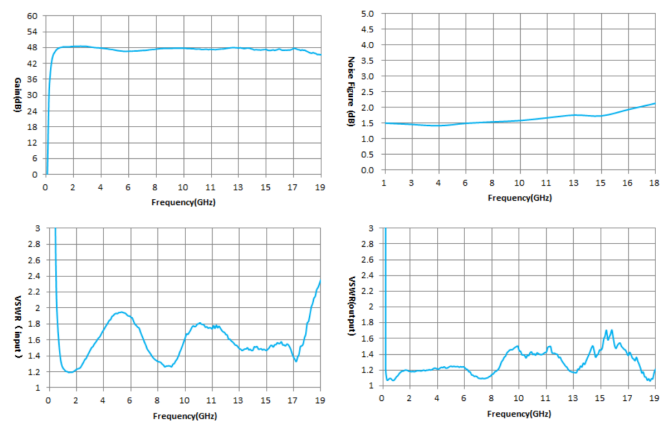
Reference picture



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.