

Product features

Broadband, gain negative slope.

tech specifications

Parameters	Min	Typical	Max	Units
Frequency	400	~	8500	MHz
Gain	30	~	45	dB Negative slope
Gain flatness			5dBpk-pk	dB
VSWR		1.6	2.2	
P-1dB	20			dBm

Environmental

Connector	SMA-K detachable, Pin 0.38mm
Connector material	Stainless steel
Impedance	50Ω
Surface	White
Working voltage	+12V
Working current	400mA
Other	Maximum input undamaged power: 10dBm

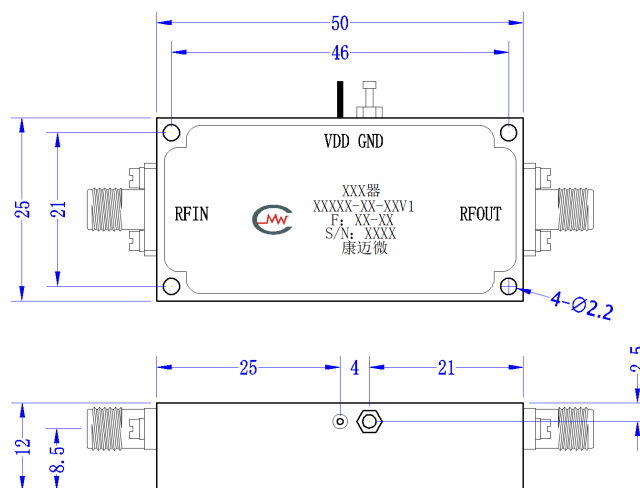
Typical test data

Frequency (G)	S11 VSWR	S22 VSWR	S21 Gain	S21 P-1dB
1	1.07	1.14	31.24	23.4
2	1.13	1.21	33.07	24.6
2	1.13	1.21	33.07	24.6
3	1.2	1.2	35.22	25.5
3	1.2	1.2	35.22	25.5
4	1.26	1.18	37.48	26.3
4	1.26	1.18	37.48	26.3
5	1.34	1.2	39.81	25.8
6	1.25	1.39	41.6	25.7
6	1.25	1.39	41.6	25.7
7	1.25	1.44	44.31	25.1
7	1.25	1.44	44.31	25.1
8	1.55	1.59	46.26	24.4

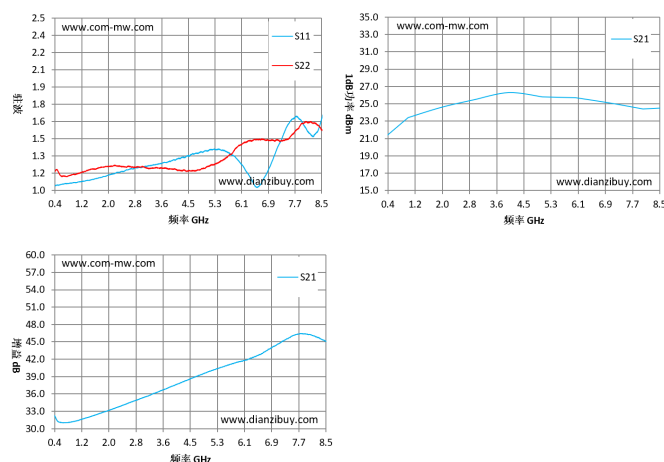
Reference picture



Configuration



Typical test curve



Testing mode

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Note

Store in an environment with a humidity of less than 25%, pay attention to dust and anti-static measures, and consider amplifier heat dissipation during installation.