

Main specifications

Parameters	Min	Typical	Max	Units
Frequency	1	~	6	GHz
Gain	45			dB
Gain flatness			4	dB
Noise figure		1.5	3	dB
VSWR			2.5	
P-1dB	15			dBm

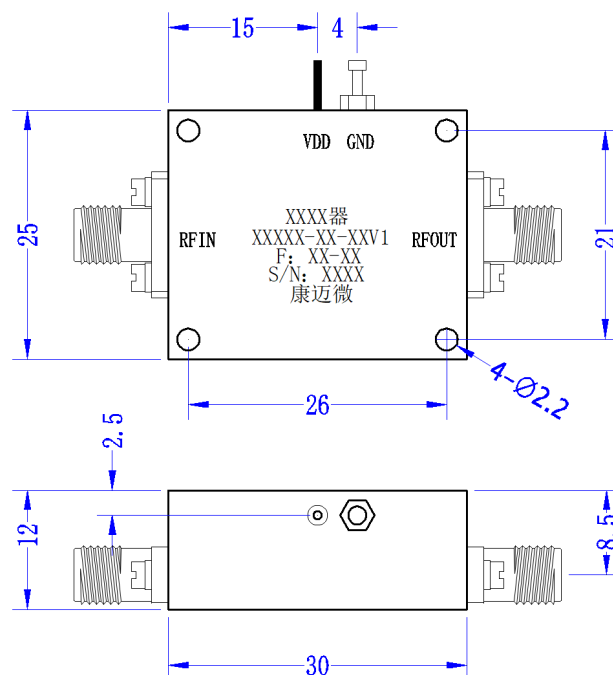
Other parameters

Connector	SMA-K detachable, Pin 0.38mm
Impedance	50Ω
Surface	White
Working voltage	+12V
Working current	300mA
Operation Temp.	-40~+70°C Design assurance

Reference picture



Configuration(mm)

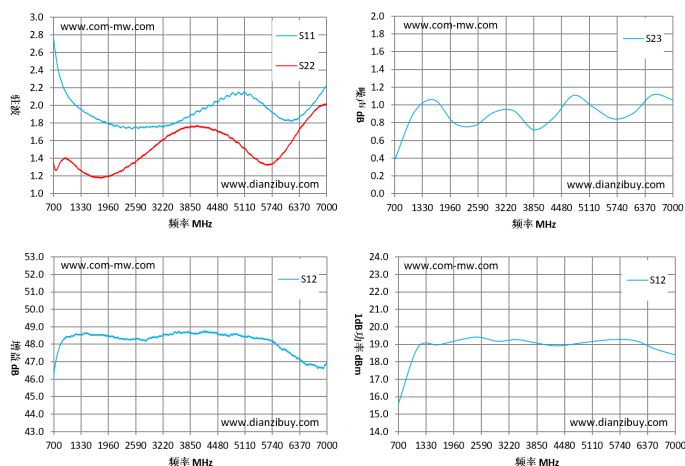


Note: The specifications and performance data contained in this data sheet are based on tests established by CMW.

Typical test data

Frequency(MHz)	S11 VSWR	S22 VSWR	S21 gain	S12 Noise	P- 1dB
700	2.74	1.33	46.24	0.38	15.6
1150	2.03	1.34	48.48	0.92	18.8
1600	1.87	1.19	48.54	1.05	18.9
2050	1.78	1.21	48.46	0.79	19.2
2500	1.74	1.34	48.29	0.76	19.4
2950	1.76	1.5	48.38	0.92	19.1
3400	1.78	1.67	48.59	0.93	19.2
3850	1.89	1.76	48.67	0.72	19.0
4300	2	1.74	48.7	0.85	18.9
4750	2.1	1.64	48.47	1.11	19.0
5200	2.12	1.46	48.47	0.97	19.1
5650	1.96	1.33	48.27	0.84	19.2
6100	1.84	1.52	47.57	0.9	19.1
6550	1.94	1.84	46.85	1.11	18.7
7000	2.22	2.01	46.97	1.06	18.3

Typical test curve



Note

Store in an environment with a humidity of less than 25% and pay attention to dust and static electricity prevention.