

Product features

Broadband, low noise.

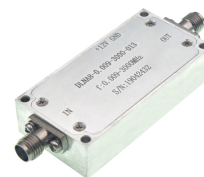
Main specifications

Parameters	Min	Typical	Max	Units
Frequency	1500	~	2700	MHz
Gain	25			dB
Gain flatness		3	4	dB
Noise figure			2	dB
VSWR		2		
P-1dB	15			dBm

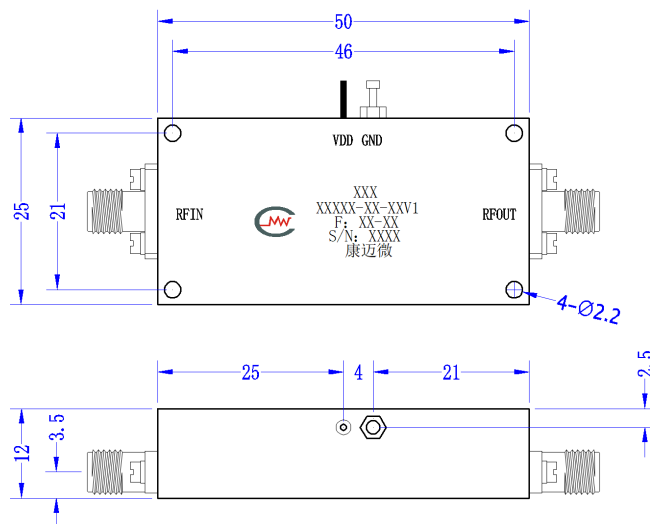
Other parameters

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

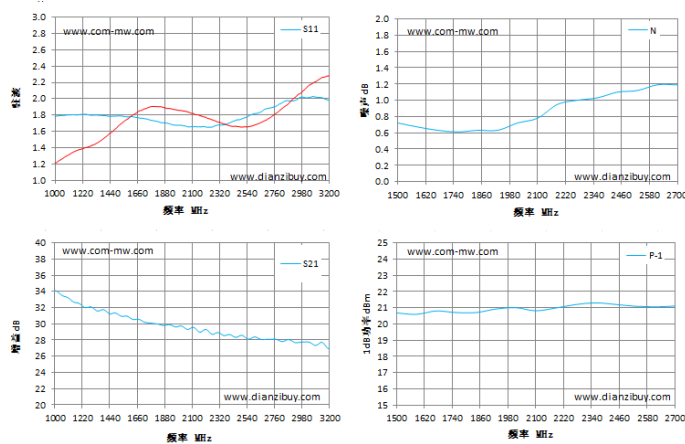
Reference picture



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.

Typical test data

Frequency(MHz)	S11 VSW R	S22 VSW R	S21 gain	S21 Noise	P- 1dB
1500	1.79	1.65	31.25	0.72	20.68
1586	1.78	1.76	30.91	0.67	20.59
1671	1.77	1.85	30.57	0.63	20.8
1757	1.74	1.9	30.11	0.61	20.7
1843	1.71	1.9	29.9	0.63	20.7
1929	1.69	1.88	29.87	0.63	20.92
2014	1.68	1.86	29.74	0.72	21
2100	1.66	1.82	29.55	0.78	20.81
2186	1.66	1.78	29.14	0.95	20.98
2271	1.66	1.74	28.72	1	21.19
2357	1.68	1.69	28.56	1.03	21.3
2443	1.73	1.67	28.35	1.1	21.2
2529	1.77	1.66	28.3	1.12	21.09
2614	1.82	1.69	28.35	1.19	21.05
2700	1.88	1.75	28.09	1.19	21.1

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