

Product features

Small volume, coaxial.

Main specifications

Parameters	Min	Typical	Max	Units	Note
Frequency	0.1	~	12	GHz	
Dynamic range	-30	~	+20	dBm	
VSWR		1.4	1.8		
sensitivity		500		mV/mW	
flatness		±2		dB	
Response time			500	ns	

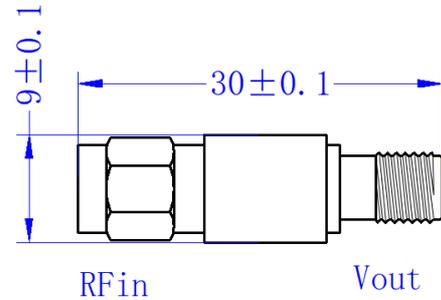
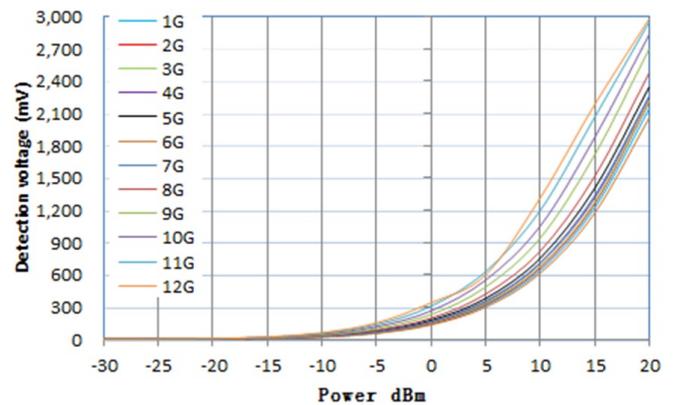
Other parameters

Connector	SMA-JK
Connector material	Shell copper
Surface	Gold-plating
Work Temp.	-40~+70°C Design assurance
Other	Positive polarity; RF input SMA-J

Typical test data

Power	1G电压 mv	4G电压 mv	7G电压 mv	10G电压 mv	12G电压 mv
-30dBm	1.2	1.6	1.4	1.5	1.7
-25dBm	3.1	3.3	3.2	3.7	3.6
-20dBm	4.7	5.2	4.8	7	8.5
-15dBm	9	10.2	10.6	18.1	22.1
-10dBm	23.3	26.6	27.3	47.2	61.1
-5dBm	59.5	69.3	69.8	118.5	152.4
0dBm	142.7	163.1	166	264	339
5dBm	312.8	349.7	355.3	549	597
10dBm	639	704	711	1050	1311
15dBm	1220	1313	1334	1873	2179
20dBm	2139	2250	2255	2828	2975

Reference picture

Configuration(mm)

Typical test curve

Note

1	Please do not wash the product in the cleaning solution.,Please do not wash the product in the cleaning solution.
2	If the temperature is higher than 125°C, consult with us before ordering.