

Product features

Broadband, small volume.

Main specifications

Parameters	Min	Typical	Max	Units
RF Frequency	2	~	18	GHz
LO Frequency	2	~	18	GHz
IF Frequency	DC	~	3	GHz
Conversion loss			15	dB
LO-RF ISO		30		dB
LO-IF ISO		20		dB
RF-IF ISO		20		dB
LO power	10	14	17	dBm

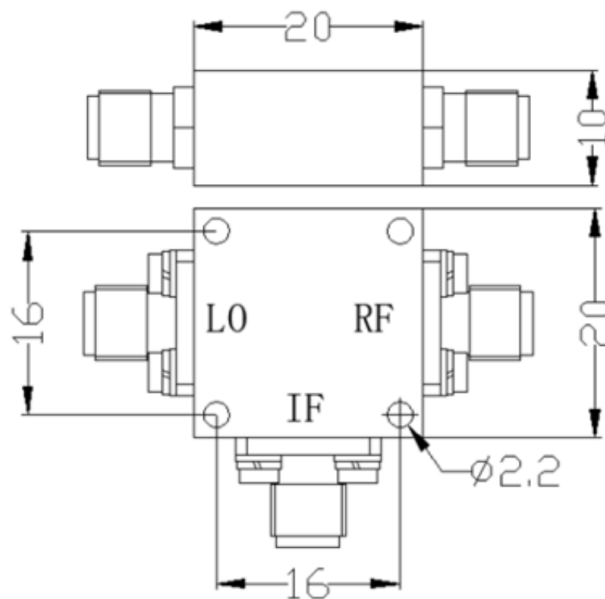
Other parameters

Power	23dBm
Impedance	50Ω
Connector	SMA-K
Connector material	Stainless steel
Work Temp.	-40~+70°C Design assurance

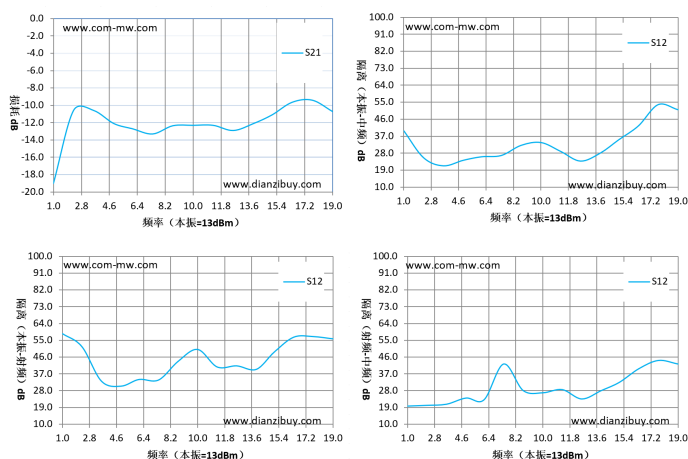
Reference picture



Configuration(mm)



Typical test curve



Note

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

Typical test data

Frequency(GHz)	S21 IL dB	S12 ISO(LO- RF)dB	S12 ISO(LO -IF)dB	S12 ISO(RF -IF)dB
1	-19	58.5	39.9	19.8
2	-19	58.5	39.9	19.8
4	-10. 59	32.98	21.34	20.8
5	-12. 1	30.3	24.27	24.1
6	-12. 1	30.3	24.27	24.1
7	-12. 7	33.9	26.14	23.2
9	-12. 35	43.6	32.2	28.1
10	-12. 3	50	33.7	26.9
11	-12. 3	50	33.7	26.9
13	-12. 9	41.2	23.85	23.6
14	-12. 1	39.3	28.1	28.1
15	-12. 1	39.3	28.1	28.1
16	-11. 1	48.6	35.1	32.5
18	-9.4	56.9	53.8	44.2
19	-10. 7	55.7	51.1	42.3

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