

Product features

双平衡混频器，无源

Main specifications

Parameters	Min	Typical	Max	Units
RF Frequency	6	~	26	GHz
LO Frequency	6	~	26	GHz
IF Frequency	DC	~	6	GHz
Conversion loss		9		dB
LO input power		15		dBm
RF input P-1dB		+11		dBm
IIP3		+20		dBm
LO-RF ISO		45		dB
LO-IF ISO		25		dB
RF-IF ISO		30		dB

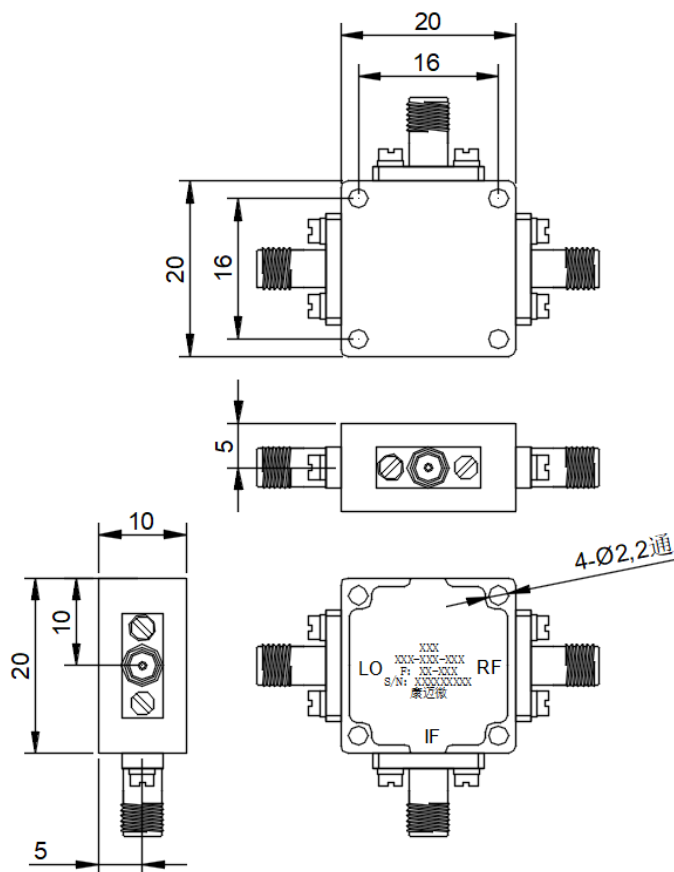
Other parameters

Impedance	50Ω
Connector	SMA-F or K
Operation Temp.	-40~+65°C Design assurance

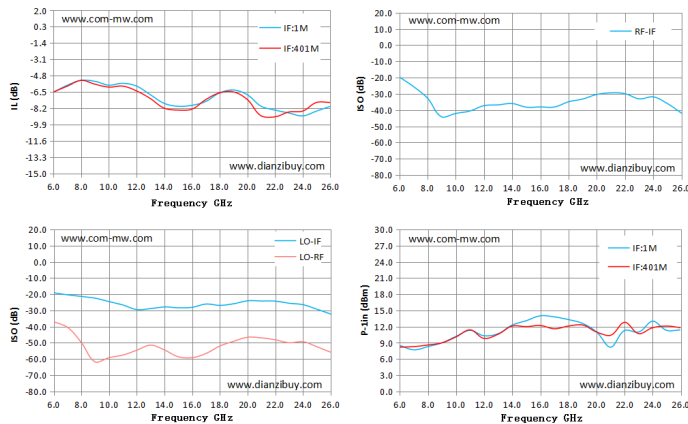
Reference picture



Configuration(mm)



Typical test curve



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

Typical test data

Frequency GHz	IF: 1M IL dB	IF: 40 1M IL dB	LO -IF IS O dB	LO - RF IS O dB	RF -IF IS O dB	IF:1 M P-1in dBm	IF:4 01M P-1in dBm
6.00	-6.54	-6.50	-19.10	-37.00	-19.60	8.50	8.20
7.43	-5.80	-5.90	-20.40	-40.50	-25.50	7.70	8.30
8.86	-5.30	-5.30	-21.40	-50.00	-32.70	8.30	8.60
10.29	-5.80	-6.00	-24.60	-59.20	-42.10	10.20	10.10
11.71	-5.60	-5.90	-26.70	-57.60	-40.60	11.30	11.40
13.14	-6.80	-7.20	-28.90	-51.50	-36.80	10.70	10.60
14.57	-7.70	-8.20	-27.90	-54.50	-36.00	12.30	12.10
16.00	-7.90	-8.30	-28.10	-59.20	-38.10	14.00	12.20
17.43	-7.50	-7.30	-26.10	-56.60	-38.10	13.80	11.60
18.86	-6.60	-6.60	-26.90	-52.00	-34.90	13.30	12.10
20.29	-6.80	-7.30	-24.10	-46.60	-30.40	11.00	11.00
21.71	-8.00	-9.00	-24.20	-47.00	-29.40	8.20	10.40
23.14	-8.70	-8.60	-25.60	-50.00	-33.10	11.00	10.70
24.57	-9.00	-8.50	-26.50	-49.40	-31.90	13.00	11.80
26.00	-8.00	-7.60	-32.30	-55.90	-41.90	11.40	11.80

Note

- 1 Clean the surface of the product, do not soak the product in cleaning solution for cleaning.