DOUBLE BALANCED MIXER

R&K-MX450-1S

OUTLINE DRAWING ※IN MILLIMETERS

TYPICAL PERFORMANCE (Temp @+25℃)

SPECIFICATIONS @+25℃

- LO&RF Frequency: 100Hz ~ 20MHz
- IF Frequency: DC ~ 20MHz
- Lo Drive Level: +7dBm
- Low Cost
- RoHS Compliance

Input IP3 @Center Band: +13dBm (typ.)
Input 1dB Comp. Point: 0dBm (typ.)
Impedance (All Ports): 50Ω
Maximum RF Input Power: 50mW
Maximum Peak IF Current: 50mA
Operating Temperature: -40℃ to +85℃
Storage Temperature: -40℃ to +100℃
Connectors (Standard): SMA-Female
Connectors (Option): BNC-Female
Weight (SMA Connector): 65g (typ.)

Model Name
R&K-MX450-1S

S = SMA-FEMALE
B = BNC-FEMALE

HOW TO ORDER

Conversion Loss vs LO Drive Level

Isolation

Conversion Loss

Input IP3

R&K reserves the right to make changes in the specifications of or discontinue products at any time without notice. R&K products shall not be used for or in connection with equipment that requires an extremely high level of reliability and safety such as aerospace uses or medical life support equipment. Further, R&K cannot accept responsibility for any injury or damage caused by using the products for military or defense applications.

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