R&K-PD050-1S

POWER DIVIDER/COMBINER

R&K Company Limited
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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 export products to any country for use in military or defense applications.

OUTLINE DRAWING

SPECIFICATIONS

- Frequency Range: 10 ~ 3000MHz
- 2Way-0°
- Low Cost
- RoHS Compliance

- Frequency Range: 10 - 3000MHz
- Insertion Loss: 2.5dB (max.)
  (Except Theoretical Loss 3.0dB)
- Amplitude Balance: 1.0dB (max.)
- Isolation: 15dB (min.)
- Phase Balance: 8° (max.)
- Phase Difference: 0°
- Between Output Ports
  VSWR (SUM): 2.8:1 (max.)
  VSWR (Other): 2.8:1 (max.)
- Impedance: 50Ω
- Maximum RF Input Power: 1W (1.2:1 Load VSWR)
- Operating Temperature: -40°C to +85°C
- Storage Temperature: -40°C to +100°C
- Connectors (Standard): SMA-MALE
  Connectors (Option): BNC-MALE
- Weight (SMA Connector): 75g (typ.)

HOW TO ORDER

Model Name: R&K-PD050-1S
S = SMA - FEMALE
B = BNC - FEMALE
※BNC Operational to 1GHz

TYPICAL PERFORMANCE (Temp @+25°C)

SCHEMATIC

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