**R&K-DC010-0S**

**DIRECTIONAL COUPLER**

- **Frequency Range**: 0.5 ~ 200MHz
- **High Directivity**
- **Low Insertion Loss**
- **Low Cost**
- **RoHS Compliance**

**SPECIFICATIONS**

- **Frequency Range**: 0.5 - 200MHz
- **Main Line Loss**: 0.6dB (max.)
- **Coupling**: ±0.5dB
- **Directivity**: 20dB (min.)
- **VSWR (All Ports)**: 1.5 : 1 (max.)
- **Impedance**: 50Ω
- **Maximum RF Input Power**: 1W
- **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)**: 30g (typ.)

**HOW TO ORDER**

- Model Name: R&K-DC010-0S
- Connector Type: S = SMA - FEMALE, B = BNC - FEMALE, N = N - FEMALE

**TYPICAL PERFORMANCE (Temp @+25°C)**

- **Main Line Loss**
- **Directivity**
- **Coupling**
- **VSWR (All Ports)**

**SCHEMATIC**

---

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.