**R&K-DC030-0S**

**DIRECTIONAL COUPLER**

**OUTLINE DRAWING**

- **Frequency Range**: 2 ~ 500MHz
- **High Directivity**
- **Low Insertion Loss**
- **Low Cost**
- **RoHS Compliance**

**SPECIFICATIONS**

- **Frequency Range**: 2 - 500MHz
- **Main Line Loss**: 1.3dB (max.)
- **Coupling**: 14.5dB ± 1dB
- **Coupling Flatness**: ± 0.5dB
- **Directivity**: 18dB (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-FEMALE
- **Connectors (Option)**: BNC-FEMALE
- **Weight (SMA Connector)**: 30g (typ.)

**HOW TO ORDER**

- **Model Name**: R&K-DC030-0S
- **Connectors**:
  - **S**: SMA - FEMALE
  - **B**: BNC - FEMALE
  - **N**: N - FEMALE

**TYPICAL PERFORMANCE (Temp @+25°C)**

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

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