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.

**DIRECTIONAL COUPLER**

**R&K-DC320-0S**

**OUTLINE DRAWING**

**SPECIFICATIONS**

- **Frequency Range**: 1700 ~ 2000MHz
- **High Power 80W**
- **Low Insertion Loss**
- **Coupling 20dB**
- **RoHS Compliance**

**Specifications Details**

- **Frequency Range**: 1700 - 2000MHz
- **Main Line Loss**: 0.5dB (max.)
- **Coupling**: 20dB±2dB
- **Coupling Flatness**: ±1.0dB
- **Directivity**: 15dB (min.)
- **VSWR (All Ports)**: 1.2 : 1 (max.)
- **Impedance**: 50Ω
- **Maximum RF Input Power**: 80W
- **Operating Temperature**: −40°C to +85°C
- **Storage Temperature**: −40°C to +100°C
- **Connectors**: SMA-FEMALE
- **Weight**: 45g (typ.)

**HOW TO ORDER**

Model Name: R&K-DC320-0S

No Option

**TYPICAL PERFORMANCE (Temp @+25°C)**

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

**SCHEMATIC**

IN  [FWD]  OUT  [REF]