**ANALOG PHASE SHIFTER**

**R&K-PS500BW100-0S**

**Specs:**
- **Frequency Range:** 450MHz ~ 550MHz
- **Insertion Loss:** 6dB (max.)
- **Phase Control Voltage:** 0 ~ +12V
- **Phase Shift Range:** 0 ~ 360°
- **RoHS Compliance**

**Specifications:**

- **Frequency Range:** 450 - 550MHz
- **Phase Shift Range:** 0 ~ 360° (min.)
- **Phase Stability:** 2° (Peak max) / Fix Temp.
- **Phase Control Voltage:** 0 ~ +12V / 1kΩ
- **Impedance:** 50Ω
- **Input / Output VSWR:** 2.0:1 (typ.)
- **Input I.C.P.:** +17dBm (typ.)
- **Operating Temperature:** -20°C to +60°C
- **Storage Temperature:** -20°C to +80°C
- **Connectors (Standard):** SMA-FEMALE
- **Connectors (Option):** BNC-FEMALE
- **Weight (SMA Connector):** 190g (typ.)

**How to Order:**

- **Model Name:** R&K-PS500BW100-0S
- **Options:**
  - S = SMA - FEMALE
  - B = BNC - FEMALE
  - N = N - FEMALE

**Typical Performance (Temp @+25°C)**

**Graphs:**
- Phase Characteristic
- Input / Output VSWR

**Schematic:**

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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.

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