ANALOG PHASE SHIFTER

**R&K-PS-B-0B**

- Frequency Range: 3MHz ~ 30MHz
- Insertion Loss: 0dB (typ.)
- Phase Shift Range: 0 ~ 360° (min.)
- Phase Control Range: 0 ~ 360° (max.)
- 19 inch Rack Size Mounting
- RoHS Compliance

**SPECIFICATIONS**

- Frequency Range: 3MHz - 30MHz
- Frequency Flatness: ±1.5dB (max.)
- Phase Stability: 3° (Peak max/Fix Temp.
- Phase Control Voltage: Internal: Front Panel Volume
  External: DC - 100kHz (min.)
- Phase Control Linearity: 15% (typ.)
- Insertion Loss: 0dB (typ.)
- Maximum RF Input Power: +11dBm (max.)
- Impedance: 50Ω
- In / Out VSWR: 2.0:1 (typ.)
- Input I.C.P.: +17dBm (typ.)
- Operating Temperature: 0°C to +40°C
- Storage Temperature: −20°C to +80°C
- Connectors (Standard): SMA-MALE
- Connectors (Option): SMA-FEMALE
- Other Function: In/Out Monitor -20dB
- AC Supply Input: AC100V 50/60Hz
- Weight (SMA Connector): 12kg (typ.)

**HOW TO ORDER**

Model Name: R&K-PS-B-0B

- B = BNC - FEMALE
- S = SMA - FEMALE
- N = N - FEMALE
- 0 = Standard
- 1 = Rack Mount Bracket

**TYPICAL PERFORMANCE (Temp @+25°C)**

**Phase Characteristic**

Input / Output VSWR

**Control vs Loss & Phase**

- CW 3MHz: @+0dBm
- CW 15MHz: @+0dBm
- CW 30MHz: @+0dBm

**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.

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