### R&K-AA1130-0S

- **Model Name**: R&K-AA1130-0S
- **Specifications**:
  - **Broadband Frequency**: 9kHz ~ 3500MHz
  - **Output Power**: +17dBm @2GHz
  - **Small Signal Gain**: +43dB (typ.) @2GHz
  - **Gain Flatness**: ±2.0dB (min.)
  - **Low Cost**
  - **RoHS Compliance**

### Frequency Range
- **Maximum RF Input Power**: −15dBm
- **Operating Temperature**: −20°C to +60°C
- **Storage Temperature**: −20°C to +80°C
- **Connectors (Standard)**: SMA-FEMALE
- **Weight (SMA Connector)**: 120g (typ.)

### HOW TO ORDER
- **Model Name**: R&K-AA1130-0S
- **Connectors**:
  - S = SMA-FEMALE
  - B = BNC-FEMALE
  - N = N-FEMALE

### Typical Performance (Temp @+25°C)
- **Small Signal Gain & Gain Flatness**
- **Input & Output Return Loss**
- **Output Power 1dB & Power Saturation**
- **Output 3rd Order Intercept Point**
- **Noise Figure**
- **Input vs Output Linearity**

### Schematic

**Note**: The export of R&K products from Japan may be subject to an export license by the government of Japan, based on Japan’s “Foreign Exchange and Foreign Trade Law.”

R&K reserves the right to make changes in the specifications 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, the export of R&K products from Japan may be subject to an export license by the government of Japan, based on Japan’s “Foreign Exchange and Foreign Trade Law.”

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