R&K-AA1060-0S

**SPECIFICATIONS**

- **Broadband Frequency**: 1MHz~3000MHz
- **Output Power**: +27dBm @2GHz
- **Small Signal Gain**: +18dB (typ.) @2GHz
- **Gain Flatness**: ±1.5dB (max.)
- **Low Cost**: ■
- **RoHS Compliance**: ■

**Frequency Range**: 1MHz~3000MHz

**Small Signal Gain**: +18dB (typ.) @2GHz

**Gain Flatness**: ±1.5dB (max.)

**Output Power@1dB Comp.**: +27dBm (min.) @2GHz

**Output I.C.P.**: +39dBm (typ.) @2GHz

**Noise Figure**: 8.0dB (max.)

**Impedance**: 50Ω

**Input Return Loss**: 10dB (typ.)

**Output Return Loss**: 10dB (typ.)

**DC Supply Input**: +12V ±0.5V

**500mA (max.)**: +20dBm

**Maximum RF Input Power**: -20℃ to +60℃

**Storage Temperature**: -20℃ to +80℃

**Connectors (Standard)**: SMA-FEMALE

**(Option)**: BNC-FEMALE

**Weight (SMA Connector)**: N-FEMALE

**Weight (SMA Connector)**: 120g (typ.)

**HOW TO ORDER**

- **Model Name**: R&K-AA1060-0S
- **Options**:
  - S = SMA-FEMALE
  - B = BNC-FEMALE
  - N = N-FEMALE
- **Type**:
  - 0 = Module
  - 1 = With Heatsink

**TYPICAL PERFORMANCE (Temp @+25℃)**

**Small Signal Gain & Gain Flatness**

**Input & Output Return Loss**

**Noise Figure**

**Output Power 1dB & Power Saturation**

**Output 3rd Order Intercept Point**

**Pulse Characteristics**

- **Pulse Width**: 100μS
- **Duty**: 10%
- **Pout**: +20dBm
- **Freq**: ~1GHz

**SCHEMATIC**

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