R&K-AA1110-0S

OUTLINE DRAWING ※IN MILLIMETERS

TYPICAL PERFORMANCE (Temp @+25℃)

Small Signal Gain & Gain Flatness Input & Output Return Loss

Output Power 1dB & Power Saturation Output 3rd Order Intercept Point

Noise Figure

Pulse Characteristics

HOW TO ORDER

Model Name
R&K-AA1110-0S

S = SMA-FEMALE
B = BNC-FEMALE
N = N-FEMALE

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, 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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SPECIFICATIONS

- Broadband Frequency: 9kHz ~ 3500MHz
- Output Power: +16dBm @2GHz
- Small Signal Gain: +21dB (typ.) @2GHz
- Gain Flatness: ±2.0dB (max.)
- Low Cost
- RoHS Compliance

Frequency Range: 9kHz ~ 3500MHz
Small Signal Gain: +21dB (typ.) @2GHz
Gain Flatness: ±2.0dB (max.)
Output Power @1dB Comp.: +16dBm (min.) @2GHz
Output I.C.P.: +30dBm (typ.) @2GHz
Noise Figure: 7.0dB (max.)

NOTE: N.F. value is only guaranteed in the range of 10MHz ~ 3500MHz.

Impedance: 50Ω
Input Return Loss: 20dB (typ.)
Output Return Loss: 15dB (typ.)
DC Supply Input: +12V ±0.5V
Max RF Input Power: +5dBm
Operating Temperature: −20℃ to +60℃
Storage Temperature: −20℃ to +80℃
Connectors (Standard): SMA-FEMALE
(Option): BNC-FEMALE
N-FEMALE

Weight (SMA Connector): 85g (typ.)

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