R&K-AA420-0S

Specifications:
- Broadband Frequency: 100MHz ~ 8000MHz
- Output Power: +14dBm @3GHz
- Gain Flatness: ±1.0dB (max.)
- Low Cost
- RoHS Compliance

Frequency Range: 100MHz ~ 8000MHz
Small Signal Gain: +13dB (typ.) @3GHz
Gain Flatness: +12dB (min.)
Output Power@1dB Comp.: +14dBm (min.) @3GHz
Output I.C.P.: +25dBm (typ.) @3GHz
Noise Figure: 9.0dB (max.)

Temperature Range:
- +25℃
- +60℃

Impedance:
- 50Ω (typ.)

DC Supply Input:
- +5V ±0.2V (max.)
- 60mA (max.)

Maximum RF Input Power:
- +7dBm

Operating Temperature:
- -20℃ to +60℃

Storage Temperature:
- -20℃ to +80℃

Connectors (Standard):
- SMA-FEMALE

Connectors (Option):
- N-FEMALE

Weight (Standard):
- 50g (typ.)

Typical Performance:
- Small Signal Gain & Gain Flatness
- Input / Output VSWR
- Output Power 1dB Gain Comp.
- Output Power 3dB Gain Comp.
- Noise Figure

How to Order:
Model Name: R&K-AA420-0S
S = SMA-FEMALE
N = N-FEMALE

Schematic:

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, R&K cannot accept products to any country for use in military or defense applications.

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