R&K-AA410-0S

SMALL SIGNAL AMPLIFIER

OUTLINE DRAWING

SPECIFICATIONS

- Broadband Frequency: 500MHz ~ 4000MHz
- Output Power: +33dBm @3GHz
- Gain Flatness: ±2.0dB (max.)
- Low Cost
- RoHS Compliance

Frequency Range: 500MHz ~ 4000MHz
Small Signal Gain: +42dB (typ.) @3GHz
+40dB (min.)
Gain Flatness: ±2.0dB (max.)
Output Power@1dB Comp.: +33dBm (min.) @3GHz
Output I.C.P.: +44dBm (typ.) @3GHz
Noise Figure: 9.0dB (max.)
Impedance: 50Ω
Input VSWR: 1.8:1 (typ.)
Output VSWR: 3.0:1 (typ.)
DC Supply Input: +12V ±0.5V
1.8A (max.)
Maximum RF Input Power: -2dBm
Operating Temperature (@Base Plate Temp.): -20℃ to +60℃
Storage Temperature: -20℃ to +80℃
Connectors (Standard): SMA-FEMALE
Connectors (Option): N-FEMALE
Weight (Standard): 240g (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-AA410-0S
- S = SMA-FEMALE
- N = N-FEMALE
- 0 = Module
- 1 = With Heatsink & Fan

Base plate must be grounded and mounted to heat sink to guarantee operation up to maximum temperature.

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