2020 Model
R&K-A009K401-4646R

Class A Linear Solid-State Amplifier
Broadband Frequency: 9kHz~400MHz
Output Power (CW) : 40W (min.) @ 1dB Comp.

APPLICATION
- EMC (Electromagnetic Compatibility)
- Etc...

SPECIFICATIONS @ +25°C

- Frequency Range : 9kHz ~ 400MHz
- Small Signal Gain : +46.0dB (min.)
- Gain Flatness : ± 2.0dB (max.)
- Output Power (CW) : 40W (min.) @ 1dB Comp.
- Output I.C.P : +54.0dBm (typ.)
- Harmonics : -20.0dBc (max.) @ Po=40W
- Spurious : -70.0dBc (max.) @ Po=40W
- Operation Mode : Class A
- Impedance : 50Ω
- Input Return Loss : 9.5dB (min.) / VSWR : 2.0 (max.)
- Output Return Loss : 6.0dB (typ.) / VSWR : 3.0 (typ.)
- Maximum RF Input Power : +3.0dBm
- AC Supply Input : AC90V~240V/1φ, 50/60Hz
  400VA (typ.), 500VA (max.)
- Operating Temperature : 0°C to +40°C
- Storage Temperature : -15°C to +65°C
- Connectors : RF - IN   N - FEMALE
  RF - OUT   N - FEMALE
- Size : (W)430mm×(D)449.5mm×(H)132.6mm
  (EIA:3U) *Excluding Projection
- Weight : 14.5kg (typ.)
- Cooling : Forced Air Cooling
- Protection Circuits : Over Temperature Protection
  Power Supply Voltage Protection

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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.
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of Japan, based on Japan's "Foreign Exchange and Foreign Trade Law".

TYPICAL PERFORMANCE (Temp @+25°C)

- Small Signal Gain
- Input / Output VSWR
- Output Power 1dB Gain Comp.
- Output Harmonics
- Output Power Linearity

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