Class A Linear Solid-State Amplifier
- Broadband Frequency: 500MHz ~ 1000MHz
- Output Power: 100W (min.) @1dB Comp.

**SPECIFICATIONS @ +25°C**

- **Frequency Range**: 500MHz ~ 1000MHz
- **Gain Flatness**: ±1.5dB (max.)
- **Output Power**: 100W (min.) @1dB Comp.
- **Operation Mode**: Class A
- **Input I.C.P.**: +60.0dBm (typ.)
- **Harmonics**: -20.0dBc (max.) @Po=100W
- **Spurious**: -60.0dBc (max.) @Po=100W
- **Impedance**: 50Ω
- **Input VSWR**: 2.0 (max.)
- **Output VSWR**: 3.0 (max.)
- **Maximum RF Input Power**: +3.0dBm
- **AC Supply Input**: AC100V ± 10% / 1φ, 50/60Hz, 1kVA
- **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)480mm × (D)649.5mm × (H)177mm
- **Weight**: 35.0kg (max.)
- **Cooling**: Forced Air Cooling
- **Protection Circuits**: Over Temperature Protection, Power Supply Voltage Protection, Output Over Power Protection, Output Over Reflection Power Protection

**HOW TO ORDER**

- **Model Name**: R&K-A501M102-5050R
- **No Option**

**TYPICAL PERFORMANCE (Temp @ +25°C)**

- **Gain Flatness**
- **Input / Output VSWR**
- **Output Power Linearity**
- **Output Harmonics**

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

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