### SPECIFICATIONS @ +25°C

- **Frequency Range**: 200MHz ~ 1000MHz
- **Small Signal Gain**: +63.0dB (min.)
- **Gain Flatness**: ±2.5dB (max.)
- **Output Power (CW)**: 2kW (min.) @1dB Comp.
- **Harmonics**: ≤ 20.0dBc (max.) @Po=2kW
- **Spurious**: ≤ 70.0dBc (max.) @Po=2kW
- **Impedance**: 50Ω
- **Input VSWR**: 2.0 (max.)
- **Maximum RF Input Power**: +3.0dBm
- **AC Supply Input**: AC200V±15%/3φ, 50/60Hz, 28kVA
- **Operating Temperature**: 0°C to +35°C
- **Storage Temperature**: -15°C to +55°C
- **Connectors**: RF - IN N - FEMALE
  RF - OUT 1-5/8 - EIA Flange
- **Size**: (W)560mm×(D)1000mm×(H)1276mm ×2Units (Excluding Projection)
- **Weight**: 700kg (max.)
- **Cooling**: Forced Air Cooling
- **Protection Circuits**: Over Temperature Protection
  Power Supply Voltage Protection
  Output Over Power Protection
  Output Over Reflection Power Protection
- **Other Functions**: R&K Multi Monitoring System
  Forward RF Monitor Out
  Reflection RF Monitor Out
  GP-IB(IEEE-488)
  Safety Interlock(EMERGENCY)

### TYPICAL PERFORMANCE (Temp @+25°C)

- **Application**
  - EMC(Electromagnetic Compatibility)
  - Accelerator Application
  - Telecommunication Test and Measurement Application
  - Etc...

### RF POWER AMPLIFIER

- **Model**: R&K-A201M102-6363R
- **Frequency Range**
  - 200MHz
  - 400MHz
  - 600MHz
  - 800MHz
  - 1000MHz
- **Small Signal Gain**
  - Frequency (MHz)
  - Gain (dB)
- **Input / Output VSWR**
  - Input VSWR
  - Output VSWR
- **Output Power Linearity**
  - Output Power (dBm)
  - Frequency (MHz)
  - Output Harmonics (dBc)

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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TYPICAL PERFORMANCE (Temp @+25°C)

Output Power Stability

Output Power vs Time

Measured at 500MHz

OUTLINE DRAWING

◆ IN MILLIMETERS

RF POWER AMPLIFIER

R&K-A201M102-6363R

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