R&K-A101K101-6565R

**All Solid-State Amplifier**
- Broadband Frequency: 100kHz ~ 100MHz
- Output Power: 3kW (min.) @3dB Comp.
- Building Block Construction

**APPLICATION**
- Accelerator Application

**SPECIFICATIONS @+25℃**
- Frequency Range: 100kHz ~ 100MHz
- Small Signal Gain: +65.0dB (min.)
- Gain Flatness: ±2.0dB (max.)
- Output Power: 3kW (min.) @3dB Comp.
- Operation Mode: Class AB
- Harmonics: -15.0dBc (max.) @Po=3kW
- Spurious: -60.0dBc (max.) @Po=3kW
- Impedance: 50Ω
- Input VSWR: 2.0 (max.)
- Output VSWR: 3.0 (max.)
- Maximum RF Input Power: +3.0dBm
- AC Supply Input: AC200V ±15%/3φ, 50/60Hz, 17.3kVA
- Operating Temperature: 0℃ to +35℃
- Storage Temperature: -15℃ to +55℃
- Connectors: RF- IN N - FEMALE
- RF- OUT 7/16 - FEMALE
- Size: (W)560mm × (D)1000mm × (H)1281.5mm (Excluding Projection)
- Weight: 350.0kg (max.)
- Cooling: Forced Air Cooling
- Protection Circuits: Over Temperature Protection
- Power Supply Voltage Protection
- Output Over Power Protection
- Output Over Reflection Power Protection
- Others: R&K Multi Monitoring System
- Other design: ≥6kW, ≥10kW available

**HOW TO ORDER**

Model Number: R&K-A101K101-6565R OP XX
Option: Ask

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**Gain Flatness**

**Input / Output VSWR**

**Output Power Linearity**

**Output Harmonics**

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 accept products to any country for use in military or defense applications.