**R&K-GA801M402-5555R**

- **All Solid-State Amplifier**
- **Broadband Frequency**: 800MHz ~ 4000MHz
- **Output Power (CW)**: 300W (min.) ± 2.0dB @ 1dB Comp.

**SPECIFICATIONS @ +25°C**

- **Frequency Range**: 800MHz ~ 4000MHz
- **Small Signal Gain**: +55.0dB (min.)
- **Gain Flatness**: ± 2.0dB (max.)
- **Output Power (CW)**:
  - 200W (min.) @ 1dB Comp.
  - 300W (min.) @ 3dB Comp.
- **Impedance**: 50Ω
- **Input VSWR**: 2.0 (max.)
- **Output VSWR**: 3.0 (max.)
- **Harmonics**:
  - −20.0dBc @ Po=200W
  - −70.0dBc @ Po=200W
- **Spurious**:
  - +3.0dBm
- **AC Supply Input**: AC200V ±15% / 1φ, 50/60Hz, 4kVA
- **Operating Temperature**: 0°C to +35°C
- **Storage Temperature**: −15°C to +65°C
- **Connectors**:
  - RF IN N FEMALE
  - RF OUT 7/16" FEMALE
- **Size**: (W) 560mm x (D) 1000mm x (H) 926mm
- **Weight**: 160.0kg (max.)
- **Cooling**: Forced Air Cooling
- **Protection Circuits**:
  - Over Temperature Protection
  - Power Supply Voltage Protection
  - Output Over Power Protection
  - Output Over Reflection Power Protection

**APPLICATION**

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

**TYPICAL PERFORMANCE (Temp @+25°C)**

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

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