R&K-A080M102-6262R

**Class A Linear Solid-State Amplifier**
- Broadband Frequency: 80MHz ~ 1000MHz
- Output Power (CW): 1.5kW (typ.) @ 1dB Comp.
- Building-block Construction Design

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

**SPECIFICATIONS @ +25°C**
- Frequency Range: 80MHz ~ 1000MHz
- Small Signal Gain: +62.0dB (min.)
- Gain Flatness: ±3.0dB (max.)
- Output Power (CW): 1.5kW (min.) @ 1dB Comp.
- Operation Mode: Class A
- Output I.C.P.: +72.0dBm (typ.)
- Harmonics: -25.0dBc (max.) @ Po = 1.5kW
- Spurious: -70.0dBc (max.) @ Po = 1.5kW
- Impedance: 50Ω
- Input VSWR: 2.0 (max.)
- Output VSWR: 3.0 (max.)
- Maximum RF Input Power: +4.3dBm
- AC Supply Input: AC200V ± 15% / 3φ, 50/60Hz, 27kVA
- Operating Temperature: 0°C to +35°C
- Storage Temperature: -15°C to +65°C
- Connectors: RF-IN: N-FEMALE @ REAR PANEL
- RF-OUT: 7/8-FEMALE @ REAR PANEL
- Size: (W)560mm x (D)1000mm x (H)1284mm x 2 Units (Excluding Projection)
- Weight: 750.0kg (max.)
- Cooling: Forced Air Cooling
- Protection Circuits: Over Temperature Protection
- Power Supply Voltage Protection
- Output Over Power Protection
- R&K Multi Monitoring System
- GP-IB (IEEE-488)
- Safety Interlock (EMERGENCY)

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

- **Gain Flatness**
- **Input / Output VSWR**
- **Output Power Linearity**
- **Output Harmonics**
- **Output Power 1dB Gain Comp.**

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TYPICAL PERFORMANCE (Temp @+25°C)

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Measured at 1000MHz

OUTPUT DRAWING

IN MILLIMETERS

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