R&K-GA102M252-5454R

- Class A Linear Solid-State Amplifier
- Broadband Frequency: 1000MHz ~ 2500MHz
- Output Power (CW): 250W (min.) @1dB Comp.
- With Output Circulator

APPLICATION

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

SPECIFICATIONS  @ +25°C

- Frequency Range: 1000MHz ~ 2500MHz
- Small Signal Gain: +54.0dB (min.)
- Gain Flatness: ±3.0dB (max.)
- Output Power (CW): 250W (min.) @1dB Comp.
- Operation Mode: Class A
- Harmonics: −20.0dBc (max.) @Po=250W
- Spurious: −65.0dBc (max.) @Po=250W
- Impedance: 50Ω
- Input VSWR: 2.0 (max.)
- Output VSWR: 2.0 (max.)
- Maximum RF Input Power: 0dBm
- AC Supply Input: AC200V ±15% / 50/60Hz, 5kVA
- Operating Temperature: 0°C to +35°C
- Storage Temperature: −15°C to +55°C
- Connectors: RF-IN N -FEMALE @REAR PANEL
  - RF-OUT 7/16-FEMALE @REAR PANEL
- Size: (W)560mm × (D)1000mm × (H)921mm (Excluding Projection)
- Weight: 250.0kg (max.)
- Cooling: Forced Air Cooling
- Protection Circuits: Over Temperature Protection
- Power Supply Voltage Protection
- R&K Multi Monitoring System
- GP-IB/(IEEE-488)
- Safety Interlock (EMERGENCY)
- With Output Circulator

TYPICAL PERFORMANCE (Temp @ +25°C)

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

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* CHANGE  Δ1  3/Feb./2015