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: W560mm x D1000mm x H921mm (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 Linearity
- Output Harmonics
- Output 1dB Gain Comp.

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