R&K-GA020M102-5454R

All Solid-State Amplifier
Broadband Frequency: 20MHz ~ 1000MHz
Output Power: 250W (typ.) @ 1dB Comp.

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

SPECIFICATIONS @ +25°C

Frequency Range: 20MHz ~ 1000MHz
Small Signal Gain: + 54.0 dB (min.)
Gain Flatness: ± 3.0 dB (max.)
Output Power: 250W (typ.) @ 1dB Comp.
200W (min.) @ 1dB Comp.
Harmonics: -20.0 dBc (max.) @ Po = 200W
Spurious: -70.0 dBc (max.) @ Po = 200W
Impedance: 50Ω
Input VSWR: 1.5 (max.)
Output VSWR: 2.0 (max.)
Maximum RF Input Power: + 3.0 dBm
AC Supply Input: AC200V ± 15% / 1φ, 50/60Hz, 1.6kVA
Operating Temperature: 0°C to + 35°C
Storage Temperature: -15°C to + 65°C
Connectors: RF-IN N-FEMALE, RF-OUT N-FEMALE
Size: (W)480mm × (D)649.5mm × (H)132.6mm
Weight: 35.0 kg (max.)
Cooling: Forced Air Cooling
Protection Circuits: Over Temperature Protection, Power Supply Voltage Protection, Output Over Power Protection, Output Over Reflection Power Protection

TYPICAL PERFORMANCE (Temp @ +25°C)

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

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