R&K-GA252M602-5050R

Ultra Wide Band Power Amplifier
Broadband Frequency: 2500MHz~6000MHz
Output Power (CW) : 100W (min.) @1dB Comp.
With Output Circulator

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

SPECIFICATIONS @ +25°C

- Frequency Range: 2500MHz ~ 6000MHz
- Small Signal Gain: +50.0dB (min.)
- Gain Flatness: ±3.0dB (max.)
- Output Power (CW): 100W (min.) @1dB Comp.
- Operation Mode: Class AB
- Harmonics: -20.0dBc (max.) @Po=100W
- Spurious: -70.0dBc (max.) @Po=100W
- Impedance: 50Ω
- Input VSWR: 2.0 (max.)
- Output VSWR: 2.0 (max.)
- Maximum RF Input Power: ±1.0dBm
- AC Supply Input: AC200V ±15% / 50/60Hz, 3kVA
- Operating Temperature: 0°C to +35°C
- Storage Temperature: -15°C to +65°C
- Connectors: RF-IN N-MALE @FRONT PANEL
- RF-OUT N-MALE @REAR PANEL
- Size: W)650mm x D)853mm x H)926mm
- Weight: 142.8kg (typ.)
- Cooling: Forced Air Cooling
- Protection Circuits: Input Over Power Protection
- Over Temperature Protection
- Power Supply Voltage Protection
- Other Functions: With Output Circulator

TYPICAL PERFORMANCE (Temp @+25°C)

Small Signal Gain & Gain Flatness

Input / Output VSWR

Output Power Linearity

Output Harmonics

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