R&K-GA701M402-4747R

Class A Linear Solid-State Amplifier
- Broadband Frequency: 690MHz ~ 4000MHz
- Output Power (CW): 50W (min.) @1dB Comp.

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

SPECIFICATIONS @+25℃
- Frequency Range: 690MHz ~ 4000MHz Δ1
- Small Signal Gain: +47.0dB (min.)
- Gain Flatness: ±2.0dB (max.) Δ1
- Output Power (CW): 50W (min.) @1dB Comp.
- Harmonics: ≤−20.0dBc (max.) @Po=50W
- Spurious: ≤−70.0dBc (max.) @Po=50W
- Impedance: 50Ω
- Input VSWR: 2.0 (max.)
- Output VSWR: 2.5 (max.) Δ1
- Maximum RF Input Power: +3.0dBm
- AC Supply Input: AC100V ~ 240V / 1φ, 50 / 60Hz, 850VA Δ1
- Operating Temperature: 0°C to +40°C
- Storage Temperature: −15°C to +65°C
- Connectors: RF - IN N - FEMALE
- RF - OUT N - FEMALE
- Size: (W)480mm × (D)649.5mm × (H)177mm (EIA:4U)
- Weight: 26.5kg (typ.)
- 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℃)

Small Signal Gain

Input / Output VSWR

Output Power 1dB GainComp.

Output Harmonics

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