R&K-A001M102-4747R

Class A Linear Solid-State Amplifier
- Broadband Frequency: 1MHz ~ 1000MHz
- Output Power (CW)
  - 1MHz ~ 10MHz: 40W (min.) @1dB Comp.
  - 10MHz ~ 1000MHz: 50W (min.) @1dB Comp.

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

SPECIFICATIONS @ +25°C
- Frequency Range: 1MHz ~ 1000MHz
- Small Signal Gain: +47.0dB (min.)
- Gain Flatness: ±3.0dB (max.)
- Output Power:
  - 1MHz ~ 10MHz: 40W (min.) @1dB Comp.
  - 10MHz ~ 1000MHz: 50W (min.) @1dB Comp.
- Operation Mode: Class A
- Harmonics:
  - Spurious: -70.0dBc (max.) @Po=50W
  - +57.0dBm (typ.)
- Impedance: 50Ω
- Input VSWR: 2.0 (max.)
- Output VSWR: 3.0 (max.)
- AC Supply Input: AC100V±10%/1φ, 50/60Hz, 700VA
- Maximum RF Input Power: +3.0dBm
- 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
- Weight: 35.0kg (max.)
- Cooling: Forced Air Cooling
- Protection Circuits:
  - Over Temperature Protection
  - Power Supply Voltage Protection
  - Output Over Power Protection
  - Output Over Reflection Power Protection

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