R&K-A801M202-4747R

Class A Linear Solid-State Amplifier
Broadband Frequency: 800MHz ~ 2000MHz
Output Power (CW): 50W (min.) @ 1dB Comp.
With Output Circulator

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

SPECIFICATIONS @ +25℃
- Frequency Range: 800MHz ~ 2000MHz
- Small Signal Gain: +47.0dB (min.)
- Gain Flatness: ±2.0dB (max.)
- Output Power (CW): 50W (min.) @ 1dB Comp.
- Operation Mode: Class A
- Output I.C.P.: +57.0dBm (typ.)
- Harmonics: -20.0dBc (max.) @ Po=50W
- Spurious: -70.0dBc (max.) @ Po=50W
- Impedance: 50Ω
- Input VSWR: 2.0 (max.)
- Output VSWR: 2.0 (max.)
- Maximum RF Input Power: +3.0dBm
- AC Supply Input: AC100V ±10% / 1φ, 50/60Hz, 800VA
- Operating Temperature: 0℃ to +40℃
- Storage Temperature: -15℃ to +65℃
- Connectors: RF-IN SMA-FEMALE, RF-OUT N-FEMALE
- Size: (W)480mm × (D)599.5mm × (H)177mm (EIA: 4U)
- Weight: 30.0kg (max.)
- Cooling: Forced Air Cooling
- Protection Circuits: Over Temperature Protection
- Other Function: With Output Circulator

TYPICAL PERFORMANCE (Temp @+25℃)

Gain Flatness
Input / Output VSWR
Output Power Linearity
Output Harmonics

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