**R&K-A801M422-3737R**

- **Class A Linear Solid-State Amplifier**
- **Broadband Frequency**: 800MHz ~ 4200MHz
- **Output Power**: 5W (min.) @ 1dB Comp.

**SPECIFICATIONS @ +25°C**

- **Frequency Range**: 800MHz ~ 4200MHz
- **Small Signal Gain**: +37.0dB (min.) ± 2.0dB (max.)
- **Output Power**: 5W (min.) @ 1dB Comp.
- **Harmonics**: -20.0dBc (max.) @ Po=5W
- **Spurious**: -70.0dBc (max.) @ Po=5W
- **Operation Mode**: Class A
- **Impedance**: 50Ω
- **Input VSWR**: 2.0 (max.)
- **Output VSWR**: 3.0 (max.)
- **AC Supply Input**: AC100V ± 10% / 1φ, 50/60Hz, 150VA
- **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 x (D)449.5mm x (H)132.6mm
- **Weight**: 12.0kg (max.)
- **Cooling**: Forced Air Cooling
- **Protection Circuits**: Over Temperature Protection, Power Supply Voltage Protection

**HOW TO ORDER**

- **Model Name**: R&K-A801M422-3737R
- **Option**: OP XX

**TYPICAL PERFORMANCE (Temp @+25°C)**

- **Gain Flatness**
- **Input / Output VSWR**
- **Output Power Linearity**
- **Output Harmonics**
- **Output Power 1dB Gain Comp.**

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