**R&K-A801M302-4040R**

- **Class A Linear Solid-State Amplifier**
- **Broadband Frequency**: 800MHz ~ 3000MHz
- **Output Power**: 10W (min.) @ 1dB Comp.

**SPECIFICATIONS @ +25°C**

- **Frequency Range**: 800MHz ~ 3000MHz
- **Small Signal Gain**: +40.0dB (min.)
- **Gain Flatness**: ±1.5dB (max.)
- **Output Power**: 10W (min.) @ 1dB Comp.
- **Output I.C.P**: +50.0dBm (typ.)
- **Harmonics**: −18.0dBc (max.) @ Po=10W
- **Spurious**: −60.0dBc (max.) @ Po=10W
- **Operation Mode**: Class A
- **Impedance**: 50Ω
- **Input VSWR**: 2.0 (max.)
- **Output VSWR**: 2.0 (max.)
- **AC Supply Input**: AC100V ± 15% / 1φ, 50/60Hz, 300VA
- **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**: 20.0kg (max.)
- **Cooling**: Forced Air Cooling
- **Protection Circuits**: Over Temperature Protection  
Power Supply Voltage Protection

**HOW TO ORDER**

- **Model Name**: R&K-A801M302-4040R
- **Option**: OP XX

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**TYPICAL PERFORMANCE (Temp @+25°C)**

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

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R&K reserves the right to make changes in the specifications of or discontinue products at any time without notice. R&K products shall not be used for or in connection with equipment that requires an extremely high level of reliability and safety such as aerospace uses or medical life support equipment. Further, R&K cannot export products to any country for use in military or defense applications.