**R&K-A501M272-4040R**

**Class A Linear Solid-State Amplifier**
- **Frequency Range**: 500MHz ~ 2700MHz
- **Output Power**: 10W (min.) @1dB Comp.

**SPECIFICATIONS @ +25°C**
- **Frequency Range**: 500MHz ~ 2700MHz
- **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×(D)449.5mm×(H)132.6mm
- **Weight**: 20.0kg (max.)
- **Cooling**: Forced Air Cooling
- **Protection Circuits**: Over Temperature Protection, Power Supply Voltage Protection

**TYPICAL PERFORMANCE (Temp @+25°C)**

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**Graphs**

- **Gain Flatness**
- **Input / Output VSWR**
- **Output Power Linearity**
- **Output Harmonics**

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