**R&K-A0825-4343-R**

**All-Solid-State Amplifier**
- **Frequency Range**: 800MHz ~ 2500MHz
- **Output Power**: 20W (min.) @1dB Comp.

**SPECIFICATIONS @+25°C**
- **Frequency Range**: 800MHz ~ 2500MHz
- **Small Signal Gain**: +44.0dB (min.)
- **Gain Flatness**: ±1.5dB (max.)
- **Output Power**: 20W (min.) @1dB Comp.
- **Output I.C.P**: +53.0dBm (typ.)
- **Harmonics**: -18.0dBc (max.) @Po=20W
- **Spurious**: -60.0dBc (max.) @Po=20W
- **Operation Mode**: Class A
- **Impedance**: 50Ω
- **Input VSWR**: 2.0 (max.)
- **Output VSWR**: 2.0 (max.)
- **AC Supply Input**: AC100V ±10% / 1φ, 50 / 60Hz, 400VA
- **Maximum RF Input Power**: +3dBm
- **Operating Temperature**: -10°C to +45°C
- **Storage Temperature**: -15°C to +65°C
- **Connectors**: RF - IN: SMA - FEMALE, RF - OUT: N - FEMALE
- **Size**: (W)480mm × (D)499.5mm × (H)149mm
- **Weight**: 20.0kg (max.)
- **Cooling**: Forced Air Cooling
- **Protection Circuits**: Over Temperature Protection, Voltage Abnormality Protection, Excessive Input / Output Power Protection, Excessive Reflection Power Protection
- **Others**: With Forward Power Meter, Reflection Power Meter (Accuracy: ±20%)

**How to order**
- **Model Name**: R&K-A0825-4343-R
- **No Option**

**TYPICAL PERFORMANCE (Temp @+25°C)**

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

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