**R&K-A010K221-7171R**

- All Solid-State Amplifier
- Broadband Frequency: 10kHz ~ 225MHz
- Output Power: 12kW @ 1dB Comp.
- Building-block Construction

**APPLICATION**

- EMC (Electromagnetic Compatibility)
- Etc...

**TYPICAL PERFORMANCE (Temp @+25°C)**

<table>
<thead>
<tr>
<th>Frequency (MHz)</th>
<th>Gain Flatness (dB)</th>
<th>Input VSWR</th>
<th>Output Power 1dB Gain Comp.</th>
<th>Output Harmonics</th>
</tr>
</thead>
<tbody>
<tr>
<td>10kHz ~ 225MHz</td>
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</tbody>
</table>

**SPECIFICATIONS @+25°C**

- **Frequency Range**: 10kHz ~ 225MHz
- **Small Signal Gain**: +71.0dB (min.)
- **Gain Flatness**: ±2.0dB (max.)
- **Output Power**: 12kW (min.) @ 10kHz ~ 50MHz
  - 6kW (min.) @ 200MHz ~ 225MHz
- **Output I.C.P.**: +77.0dBm (typ.)
- **Harmonics**: -20.0dBc (max.) @ In the rating output
- **Spurious**: -70.0dBc (max.) @ In the rating output
- **Impedance**: 50Ω
- **Input VSWR**: 2.0 (max.)
- **Maximum RF Input Power**: 2.0 dBm
- **AC Supply Input**: AC200V ±15%/3φ, 50/60Hz, 100kVA
- **Operating Temperature**: 0°C to +35°C
- **Storage Temperature**: -15°C to +55°C
- **Connectors**: RF - IN N - FEMALE
  - RF - OUT 3-1/8" EIA Flange
- **Size**: (W)560mm×(D)1000mm×(H)1828mm×5 Units (Excluding Projection)
- **Weight**: 2600.0kg (max.)
- **Cooling**: Forced Air Cooling
- **Protection Circuits**: Over Temperature Protection
  - Power Supply Voltage Protection
  - Output Over Power Protection
  - Output Over Reflection Power Protection
- **Other**: R&K Multi Monitoring System

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