**R&K-A010K221-7070RW**

- **Broadband Frequency:** 10kHz～225MHz
- **Output Power:** 10kW @Psat
- **Water Cooling**

**APPLICATION**

- EMC (Electromagnetic Compatibility)
- Etc...

**SPECIFICATIONS @ +25°C**

- **Frequency Range:** 10kHz～225MHz
- **Small Signal Gain:** +70.0dB (min.)
- **Gain Flatness:** ±2.0dB (max.)
- **Output Power @Psat:** 10kW (min.) @ 10kHz～100MHz
  - 7kW (min.) @ 10kHz～100MHz @ 225MHz
- **Output @1dB Comp.:** 7kW (min.) @ 10kHz～100MHz
- **Output I.C.P.:** +77.0dBm (typ.)
- **Harmonics:** -20.0dBc (max.) @Po=6kW
- **Spurious:** -70.0dBc (max.) @Po=6kW
- **Impedance:** 50Ω
- **Input VSWR:** 1.5 (max.)
- **Output VSWR:** 3.0 (max.)
- **Maximum RF Input Power:** +1.0dBm
- **AC Supply Input:** AC200V±15%/3φ, 50/60Hz, 55kVA
- **Operating Temperature:** 0°C to +35°C
- **Storage Temperature:** -15°C to +55°C
- **Connectors:** RF - IN N - FEMALE
- **Size:** (W)560mm×(D)1000mm×(H)2081mm ×2Units (Excluding Projection)
- **Weight:** 1200.0kg (max.)
- **Cooling:** Forced Air Cooling and Water 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

**TYPICAL PERFORMANCE (Temp @+25°C)**

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

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Output Power vs Time

Measured at 100MHz

OUTLINE DRAWING

※IN MILLIMETERS

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