All Solid-State Amplifier
- Broadband Frequency: 200MHz ~ 1000MHz
- Output Power (CW): 1kW (min.) @1dB Comp.

APPLICATION
- EMC (Electromagnetic Compatibility)
- Accelerator Application
- Telecommunication Test and Measurement Application
- Etc...

SPECIFICATIONS @ +25℃
- Frequency Range: 200MHz ~ 1000MHz
- Small Signal Gain: +60.0dB (min.)
- Gain Flatness: ±2.5dB (max.)
- Output Power (CW): 1kW (min.) @1dB Comp.
- Output I.C.P.: +66.0dBm (typ.)
- Harmonics: -20.0dBc (max.) @Po=1kW
- Spurious: -70.0dBc (max.) @Po=1kW
- Impedance: 50Ω
- Input VSWR: 2.0 (max.)
- Output VSWR: 3.0 (max.)
- Maximum RF Input Power: +3.0dBm
- AC Supply Input: AC200V ±15%/3φ, 50/60Hz, 20kVA
- Operating Temperature: 0℃ to +35℃
- Storage Temperature: -15℃ to +55℃

Connectors:
- RF-IN  N-FEMALE @REAR PANEL
- RF-OUT 7/16-FEMALE @REAR PANEL

Size:
- (W)560mm × (D)1000mm × (H)1276mm
  (Excluding Projection)

Weight:
- 600kg (max.)

Cooling:
- Forced Air Cooling

Protection Circuits:
- Over Temperature Protection
- Power Supply Voltage Protection
- Output Over Power Protection
- Output Over Reflection Power Protection

Other Functions:
- R&K Multi Monitoring System
- GP-IB (IEEE-488)
- Safety Interlock (EMERGENCY)

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TYPICAL PERFORMANCE (Temp @+25°C)

Output Power Stability

Output Power vs Time

Measured at 500MHz

OUTLINE DRAWING

FRONT VIEW

SIDE VIEW

REAR VIEW

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