

R&K-A010K221-7171R



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

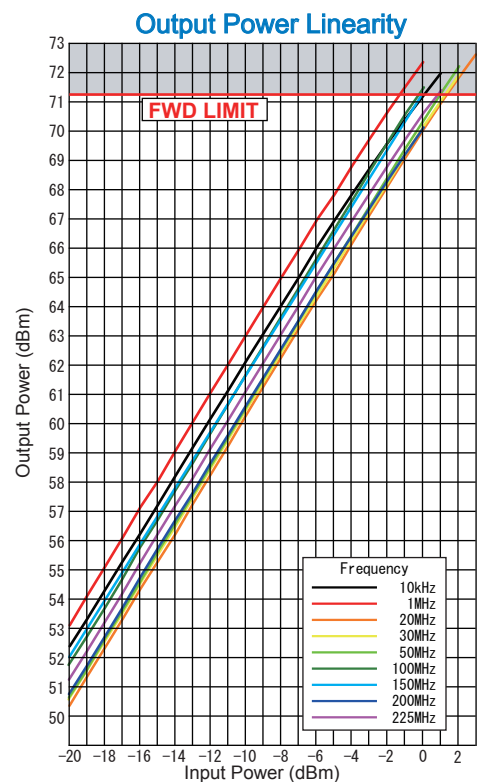
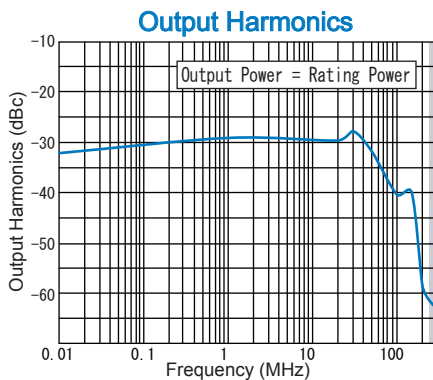
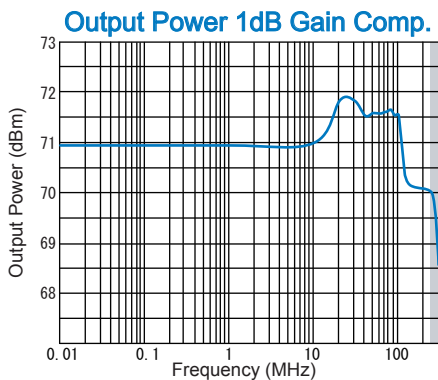
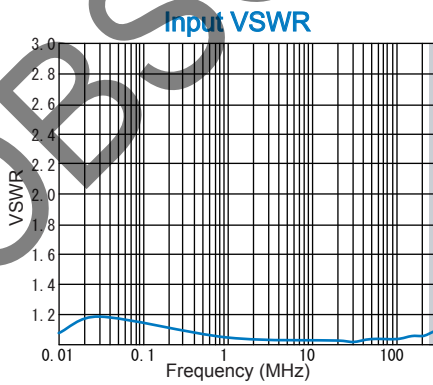
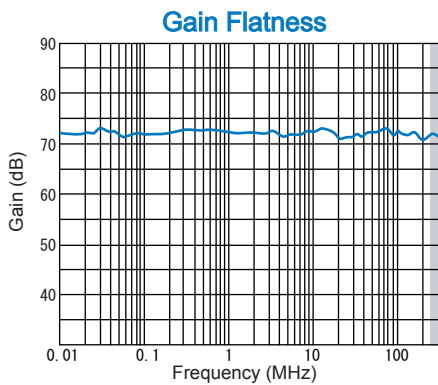
APPLICATION

- EMC(Electromagnetic Compatibility)
- Etc...

TYPICAL PERFORMANCE (Temp @+25°C)

SPECIFICATIONS @ +25°C

Frequency Range	: 10kHz ~ 225MHz
Small Signal Gain	: +71.0dB (min.)
Gain Flatness	: ±2.0dB (max.)
Output Power	: 12kW (min.) @ 10kHz~ 50MHz
(@1dB Comp.)	: 12kW~8kW @ 50MHz~200MHz
	: 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	: +3.0dBm
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×5Units (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



R&K reserves the right to make changes in the specifications of or discontinue products at any time without notice. R&K products shall not be used for or in connection with equipment that requires an extremely high level of reliability and safety such as aerospace uses or medical life support equipment. Further, The export of R&K products from Japan may be subject to an export license by the government of Japan, based on Japan's "Foreign Exchange and Foreign Trade Law".

R&K Company Limited

721-1 Maeda, Fuji-City, Shizuoka-Pref. 416-8577 Japan
 Tel : +81-545-31-2600 E-mail : info@rkco.jp
 Fax : +81-545-31-1600 URL : http://rk-microwave.com

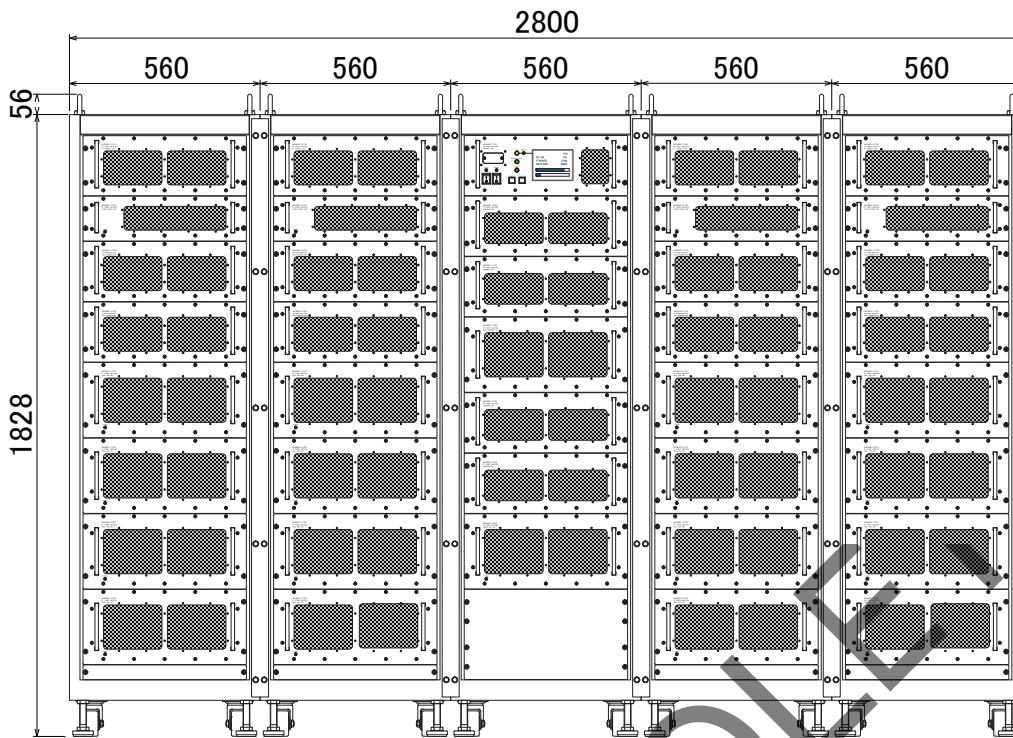
RF POWER AMPLIFIER



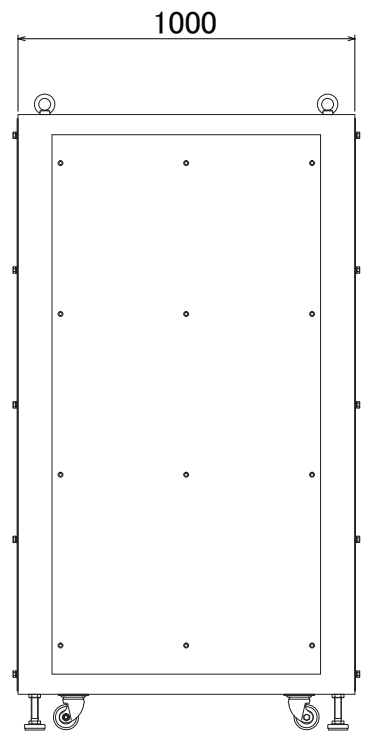
OUTLINE DRAWING

※IN MILLIMETERS
R&K-A010K221-7171R

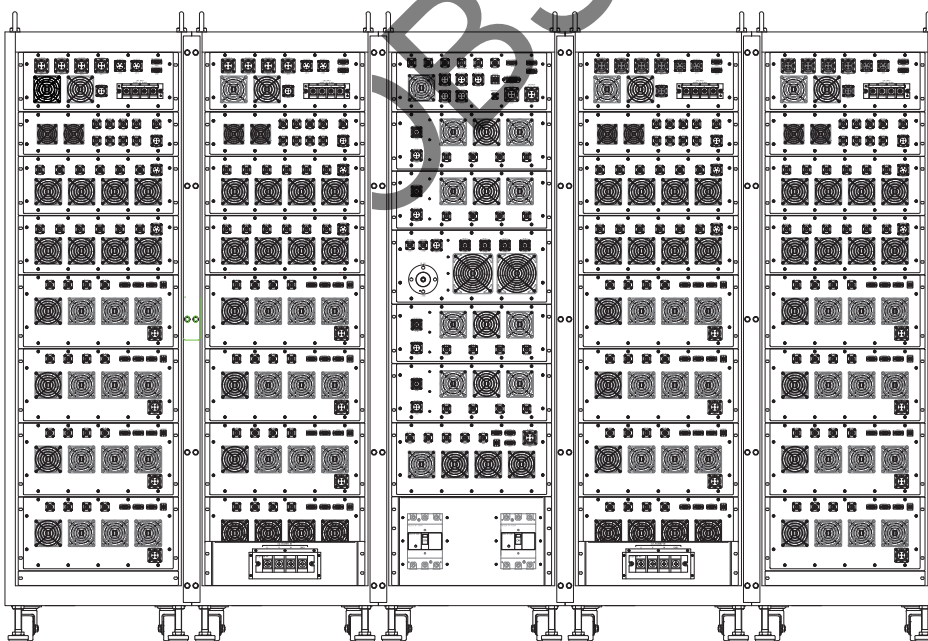
FRONT VIEW



SIDE VIEW



REAR VIEW



R&K reserves the right to make changes in the specifications of or discontinue products at any time without notice. R&K products shall not be used for or in connection with equipment that requires an extremely high level of reliability and safety such as aerospace uses or medical life support equipment. Further, The export of R&K products from Japan may be subject to an export license by the government of Japan, based on Japan's "Foreign Exchange and Foreign Trade Law".

R&K Company Limited

721-1 Maeda, Fuji-City, Shizuoka-Pref. 416-8577 Japan
Tel : +81-545-31-2600 E-mail : info@rkco.jp
Fax : +81-545-31-1600 URL : <http://rk-microwave.com>