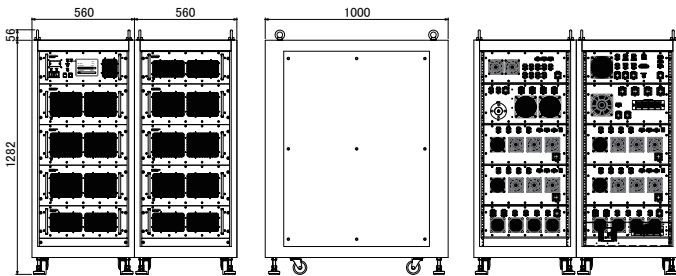


R&K-A010K221-6767R



OUTLINE DRAWING

※IN MILLIMETERS



TYPICAL PERFORMANCE (Temp @+25°C)

- All Solid-State Amplifier
- Broadband Frequency: 10kHz~225MHz
- Output Power @P_{sat} : 5.0kW (min.) @ 10kHz~ 50MHz
5.0kW~4.0kW (min.) @ 50MHz~200MHz
3.5kW (min.) @200MHz~225MHz

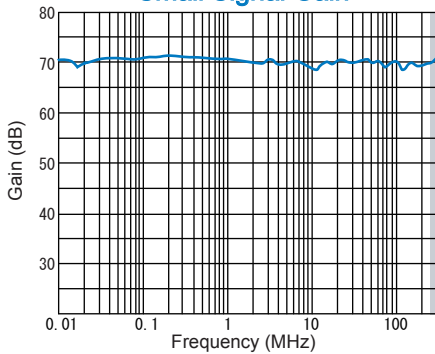
■ Building Block Construction APPLICATION

- EMC(Electromagnetic Compatibility)
- Etc...

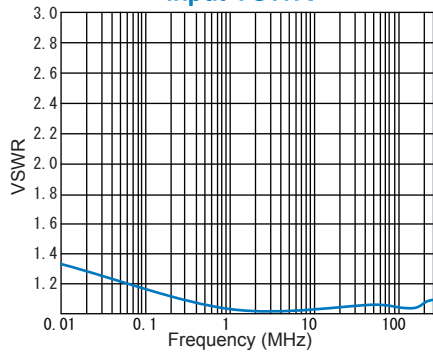
SPECIFICATIONS @ +25°C

Frequency Range	: 10kHz ~ 225MHz
Small Signal Gain	: +67.0dB (min.)
Gain Flatness	: ±2.0dB (max.)
Output Power @P _{sat}	: 5.0kW (min.) @ 10kHz ~ 50MHz 5.0kW~4.0kW (min.) @ 50MHz~200MHz(derating slope of 6.66W/MHz) 3.5kW (min.) @200MHz~225MHz
Output Power @1dB Comp.:	: 3.4kW (min.) @ 10kHz ~100MHz 3.4kW~2.5kW (min.) @100MHz~200MHz(derating slope of 9W/MHz) 2.0kW (min.) @200MHz~225MHz
Harmonics	: -20.0dBc (max.) @P _o =3kW
Spurious	: -70.0dBc (max.) @P _o =3kW
Impedance	: 50Ω
Input VSWR	: 2.0 (max.)
Maximum RF Input Power	: +3.0dBm
AC Supply Input	: AC200V±15%/3φ, 50/60Hz, 30kVA
Operating Temperature	: 0°C to +35°C
Storage Temperature	: -15°C to +55°C
Connectors	: RF - IN N - FEMALE RF - OUT 1-5/8" - EIA Flange
Size	: (W)560mm×(D)1000mm×(H)1282mm ×2Units (Excluding Projection)
Weight	: 700.0kg (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

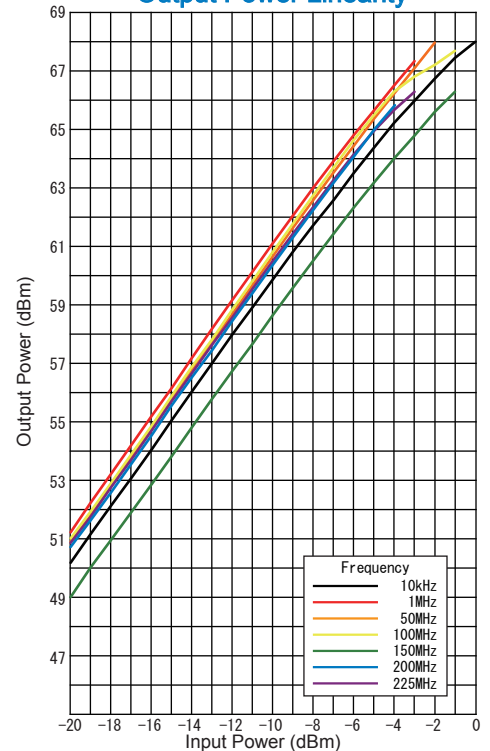
Small Signal Gain



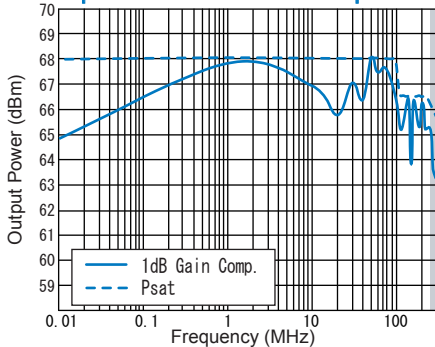
Input VSWR



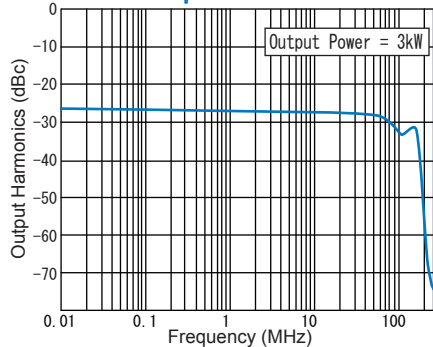
Output Power Linearity



Output Power 1dB Gain Comp. & P_{sat}



Output Harmonics



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