

A009K321-6060R



- Class A Linear Solid-State Amplifier
- Broadband Frequency: 9kHz~320MHz
- Output Power (CW) : 1kW (typ.) @1dB Comp.

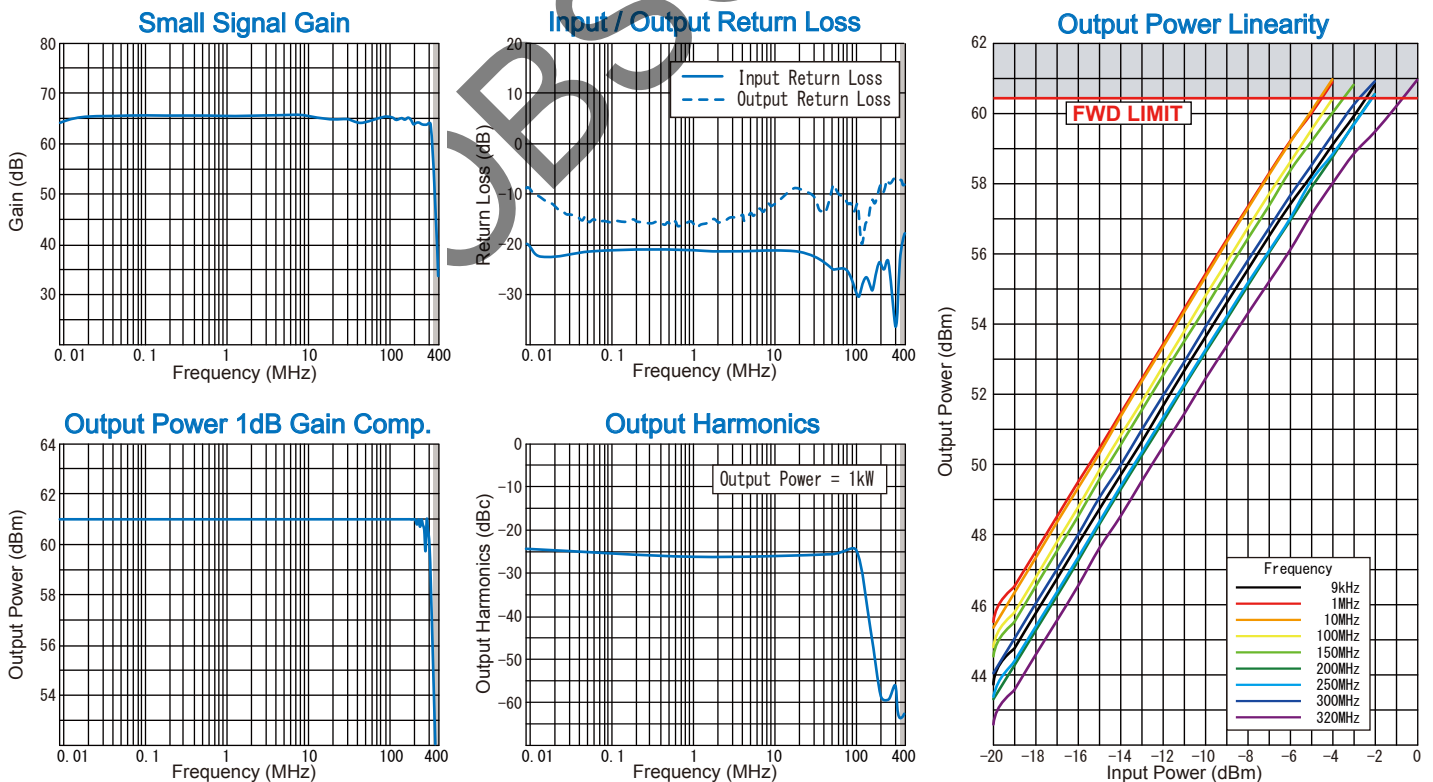
APPLICATION

- Accelerator (Bunch-Beam-FeedBack)
- Etc...

SPECIFICATIONS @ +25°C

Frequency Range	: 9kHz ~ 320MHz
Small Signal Gain	: +60.0dB (min.)
Gain Flatness	: ±2.0dB (max.)
Output Power (CW)	: 1kW (typ.), 800W (min.) @1dB Comp.
Operation Mode	: Class A
Harmonics	: -20.0dBc (max.) @Po=1kW
Spurious	: -70.0dBc (max.) @Po=1kW
Impedance	: 50Ω
Input Return Loss	: 14dB (min.) / VSWR : 1.5 (max.)
Maximum RF Input Power	: +1.0dBm
AC Supply Input	: AC200V±15%/3φ *Delta Connection, 50/60Hz 12.5kVA(max.)
Operating Temperature	: 0°C to +35°C
Storage Temperature	: -15°C to +65°C
Connectors	: RF - IN N - FEMALE @REAR PANEL RF - OUT 7/16" - FEMALE @REAR PANEL
Size	Control Unit : (W)440mm × (D)850mm × (H)177mm(EIA:4U) Combiner Unit : (W)440mm × (D)850mm × (H)177mm(EIA:4U) Final Amplifier Unit : (W)440mm × (D)850mm × (H)310.4mm(EIA:7U) *Excluding Projection
Weight	: 124kg (typ.)
Cooling	: Forced Air Cooling
Protection Circuits	: Over Temperature Protection Power Supply Voltage Protection Output Over Power Protection(@1.1kW) Output Over Reflected Power Protection(@600W)
Remote Interface	: [Standard] GPIB (IEEE-488) [Optional] Ethernet, RS-232C
Other Functions	: R&K Multi Monitoring (Each 1data@SD-Card/sec.) Forward Power Metering Data Reflection Power Metering Data +50V Device Voltage Monitoring (× 2ea.) +50V Device Current Monitoring (× 10ea.) HeatSink Temperature Monitoring (× 4ea.) Safety Interlock(EMERGENCY BNC INPUT) (× 1ea.)

TYPICAL PERFORMANCE (Temp @+25°C)



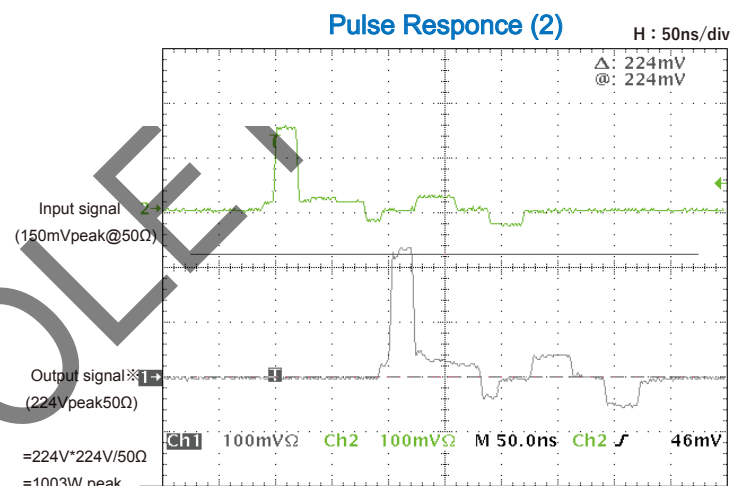
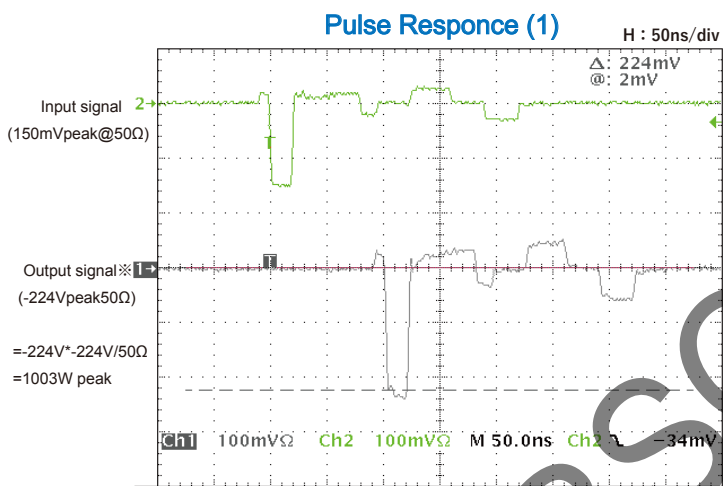
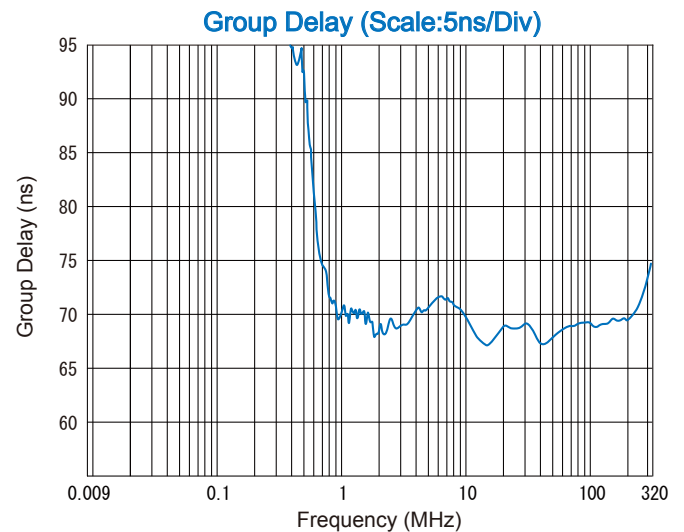
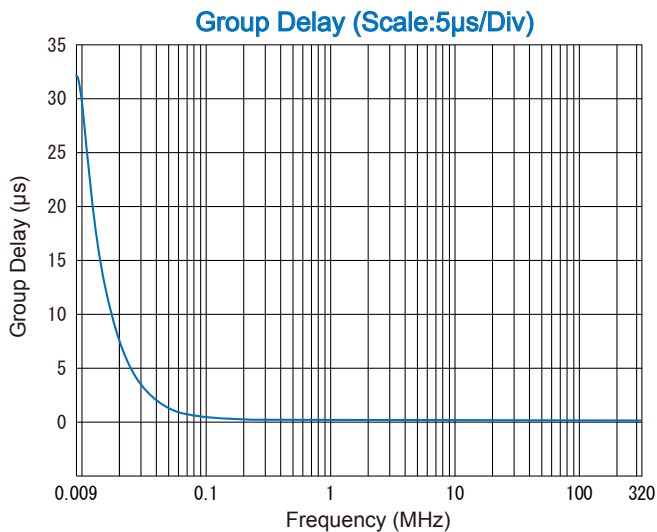
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TYPICAL PERFORMANCE (Temp @+25°C)

R&K-A009K321-6060R



※Attenuation 1/1000(-60dB)

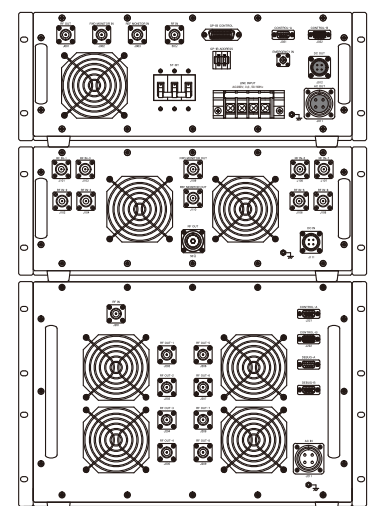
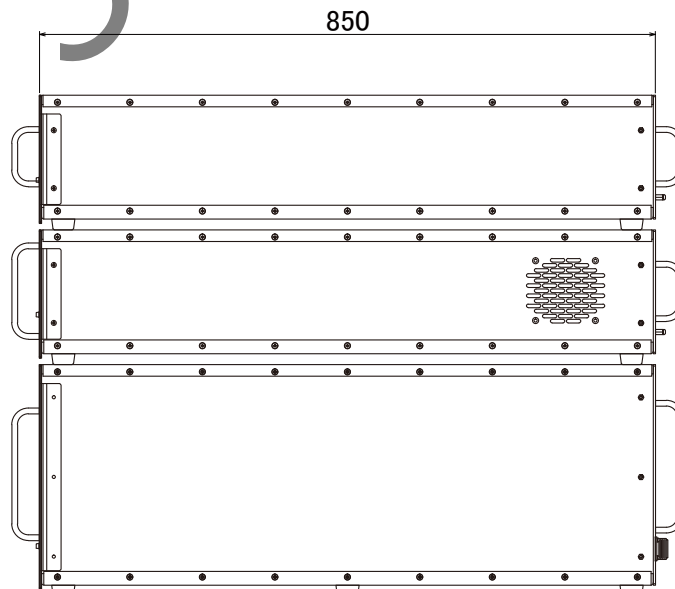
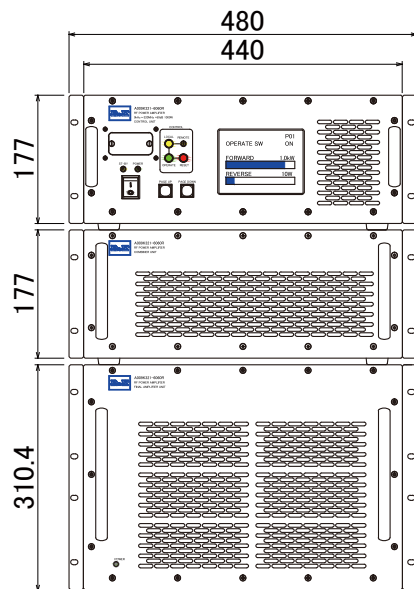
OUTLINE DRAWING

※IN MILLIMETERS

FRONT VIEW

SIDE VIEW

REAR VIEW



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