

R&K-GA102M602-5653R



- Ultra Wide Band Power Amplifier
- Broadband Frequency: 1000MHz ~ 6000MHz
- Output Power (CW) : 200W (typ.) @3dB Comp.

APPLICATION

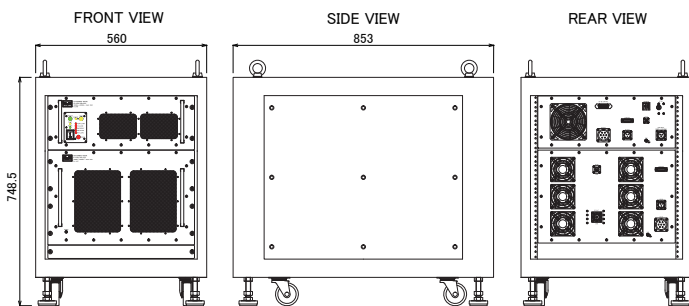
- EMC (Electromagnetic Compatibility)
- Accelerator Application
- Telecommunication Test and Measurement Application
- Etc...

SPECIFICATIONS @ +25°C

Frequency Range	: 1000MHz ~ 6000MHz
Small Signal Gain	: +56.0dB (min.)
Gain Flatness	: ±3.0dB (max.)
Output Power (CW)	: 200W (typ.) / 150W (min.) @3dB Comp.
	: 100W (min.) @1dB Comp.
Harmonics	: -18.0dBc (max.) @Po=150W
Spurious	: -65.0dBc (max.) @Po=150W
Impedance	: 50Ω
Input VSWR	: 2.0 (max.)
Output VSWR	: 3.0 (max.)
Maximum RF Input Power	: +3.0dBm
AC Supply Input	: AC200V ±10% / 1φ, 50/60Hz, 3.6kVA
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	: (W)560mm × (D)853mm × (H)748.5mm
Weight	: 140.5kg (typ.)
Cooling	: Forced Air Cooling
Protection Circuits	: Over Temperature Protection Power Supply Voltage Protection Output Over Power Protection Output Over Reflection Power Protection
Other Functions	: GP-IB (IEEE-488) Safety Interlock (EMERGENCY)

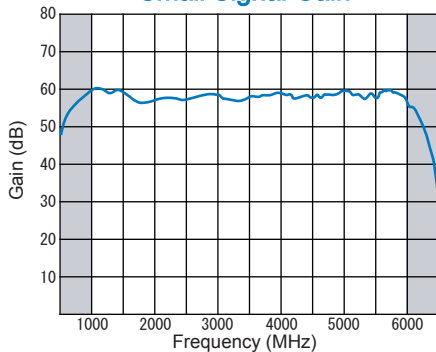
OUTLINE DRAWING

※ IN MILLIMETERS

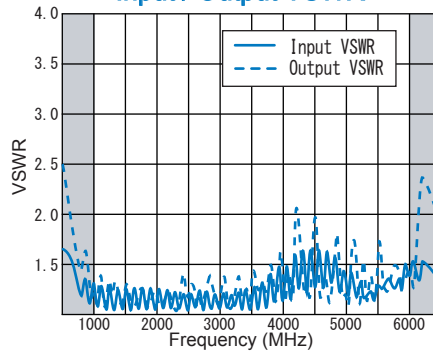


TYPICAL PERFORMANCE (Temp @ +25°C)

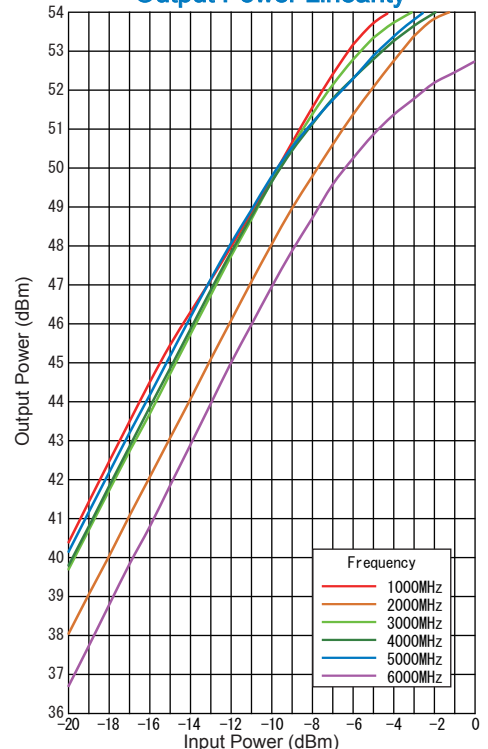
Small Signal Gain



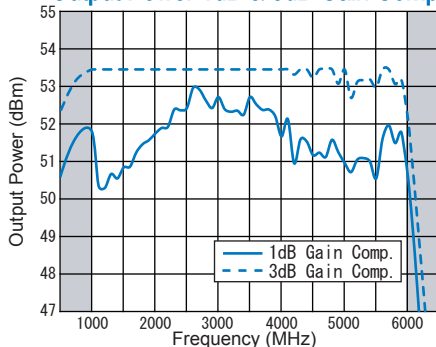
Input / Output VSWR



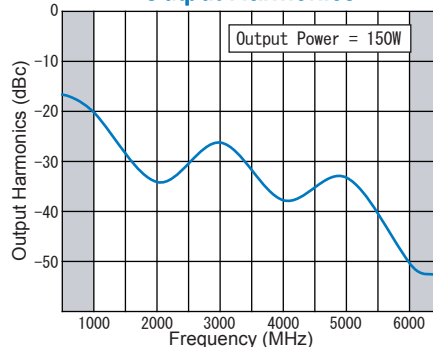
Output Power Linearity



Output Power 1dB & 3dB Gain Comp.



Output Harmonics



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