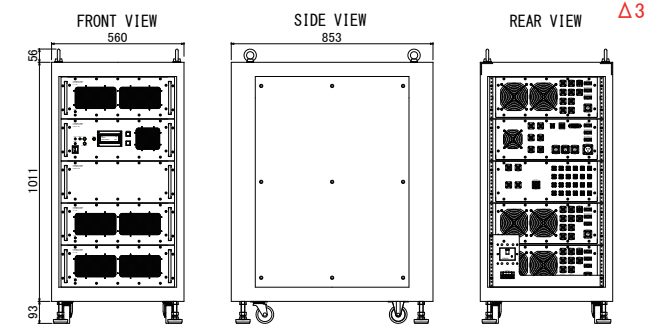


R&K-A102M202-5858R



OUTLINE DRAWING

※IN MILLIMETERS



TYPICAL PERFORMANCE (Temp @+25°C)

- Class A Linear Solid-State Amplifier
- Frequency Range : 1000MHz ~ 2000MHz
- Output Power : 600W (typ.) @Psat.

APPLICATION

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

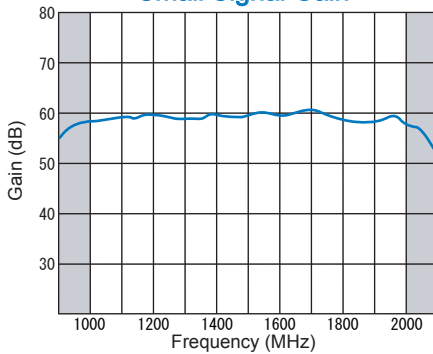
SPECIFICATIONS @ +25°C

Frequency Range	: 1000MHz ~ 2000MHz
Small Signal Gain	: +58.0dB (min.)
Gain Flatness	: ±2.0dB (max.)
Output Power	: 600W (typ.) @Psat. Δ1 Δ2
	: 500W (min.) @1dB Comp. Δ2
Operation Mode	: Class A
Harmonics	: -20.0dBc (max.) @Po=600W
Spurious	: -70.0dBc (max.) @Po=600W
Impedance	: 50Ω
Input VSWR	: 1.5 (max.)
Output VSWR	: 2.0 (max.)
Maximum RF Input Power	: +3.0dBm
AC Supply Input	: AC200V ± 10% / 1 φ, 50 / 60Hz, 5kVA
Operating Temperature	: 0°C to +35°C
Storage Temperature	: -15°C to +55°C
Connectors	: RF - IN N - FEMALE RF - OUT 7/16" - FEMALE
Size	: (W)560mm×(D)853mm×(H)1011mm (Excluding Projection)
Weight	: 220.0kg (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

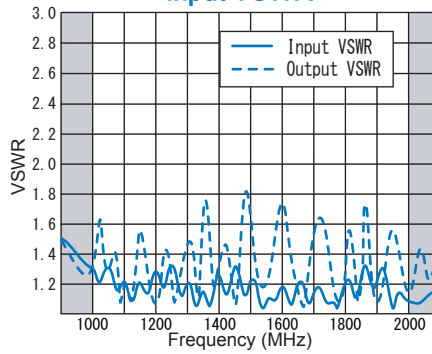
HOW TO ORDER

Model Name R&K-A102M202-5858R **OP XX** Option: See Option Line up

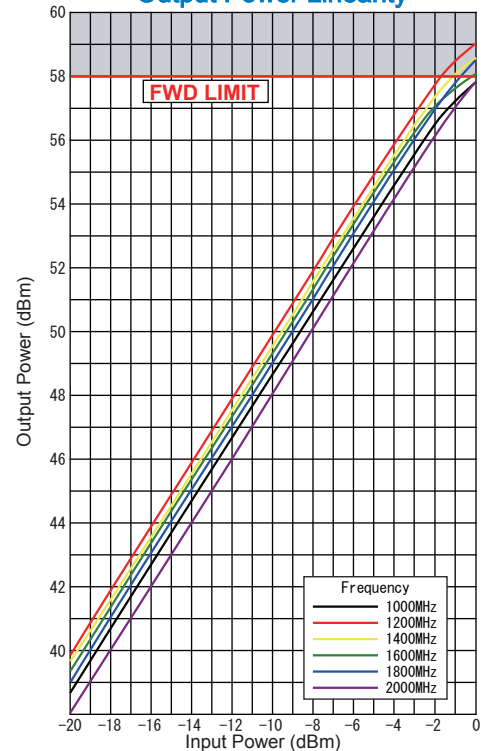
Small Signal Gain



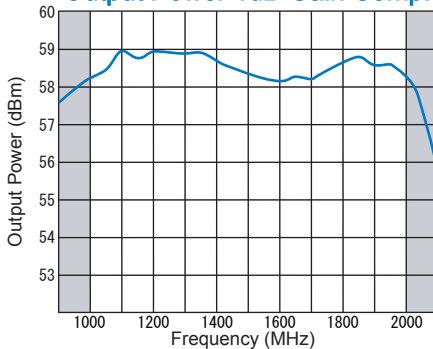
Input VSWR



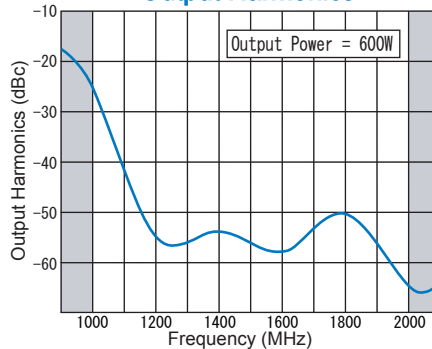
Output Power Linearity



Output Power 1dB Gain Comp.



Output Harmonics



* CHANGE Δ1 Jun./5/2014 Δ2 /Jan./9/2017 Δ3 Oct./4/2017

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".

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