

HIGH POWER AMPLIFIER

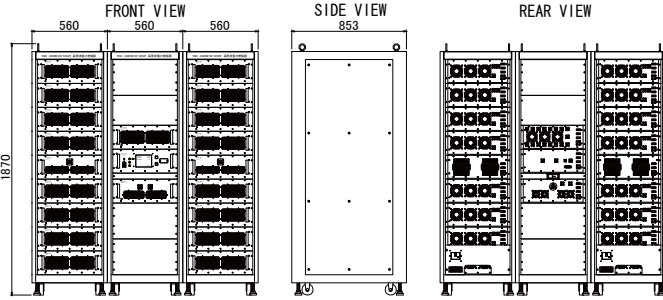


R&K-A080M102-6262R



OUTLINE DRAWING

※ IN MILLIMETERS



TYPICAL PERFORMANCE (Temp @+25°C)

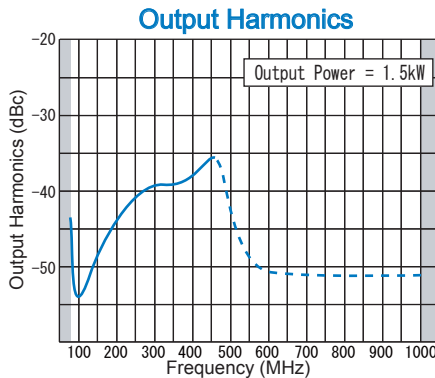
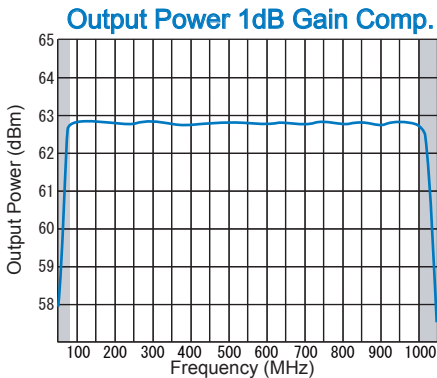
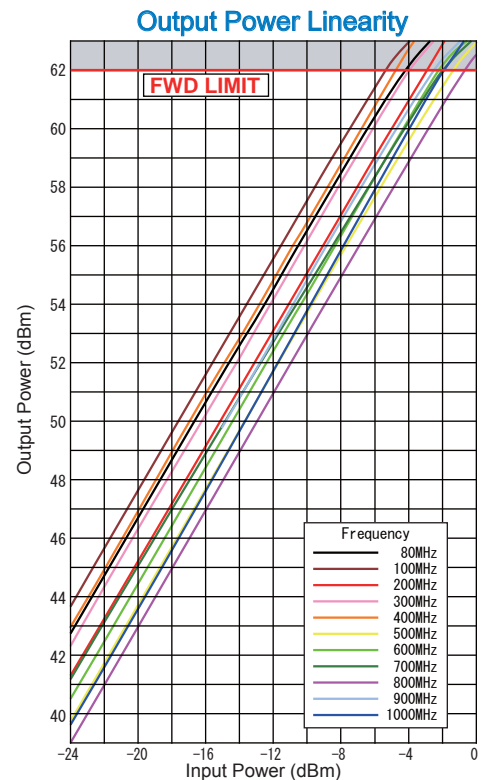
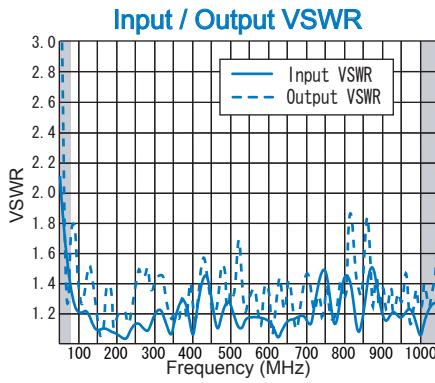
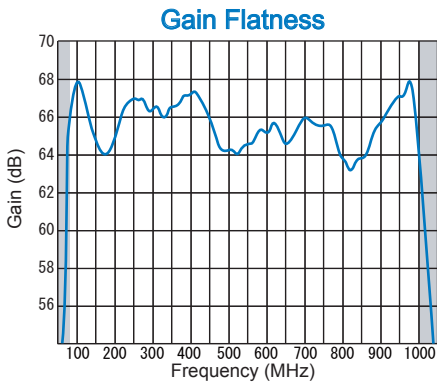
- Class A Linear Solid-State Amplifier
- Broadband Frequency: 80MHz~1000MHz
- Output Power : 1.5kW (min.) @1dB Comp.
- Linearity : GaAs-FET Super Linear

SPECIFICATIONS @ +25°C

Frequency Range	: 80MHz ~ 1000MHz
Small Signal Gain	: +62.0dB (min.)
Gain Flatness	: ±3.0dB (max.)
Output Power	: 1.5kW (min.) @1dB Comp.
Operation Mode	: Class A
Output I.C.P.	: +72.0dBm (typ.)
Harmonics	: -30.0dBc (max.) @Po=1.5kW
Spurious	: -70.0dBc (max.) @Po=1.5kW
Impedance	: 50Ω
Input VSWR	: 2.0 (max.)
Output VSWR	: 3.0 (max.)
Maximum RF Input Power	: +3.0dBm
AC Supply Input	: AC200V ± 15% / 3φ, 50/60Hz, 27.7kVA
Operating Temperature	: 0°C to +35°C
Storage Temperature	: -15°C to +55°C
Connectors	: RF - IN N - FEMALE RF - OUT 7/8" - FEMALE
Size	: (W)560mm×(D)853mm×(H)36U ×3Units
Weight	: 1100.0kg (max.)
Cooling	: Forced Air Cooling
Protection Circuits	: Over Temperature Protection Power Supply Voltage Protection Output Over Power Protection Output Over Reflection Power Protection
Metering	: R&K Digital Panel Metering System

HOW TO ORDER

Model Name
R&K-A080M102-6262R No Option



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, R&K cannot export products to any country for use in military or defense applications.

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