

RF POWER AMPLIFIER

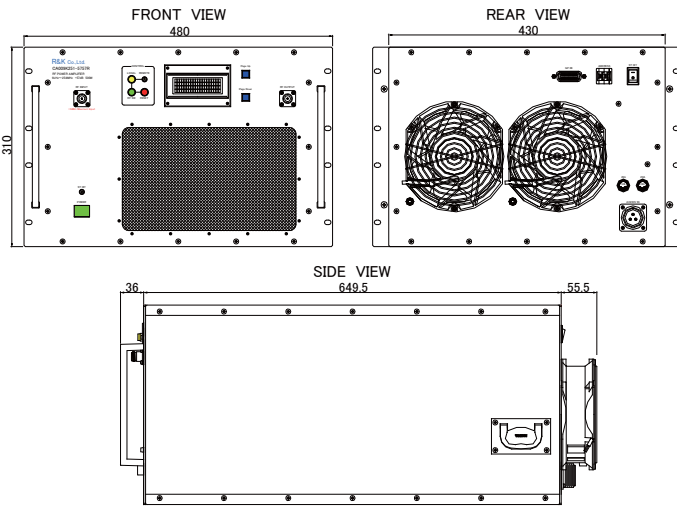


R&K-A009K251-5757R



OUTLINE DRAWING

※IN MILLIMETERS



TYPICAL PERFORMANCE (Temp @+25°C)

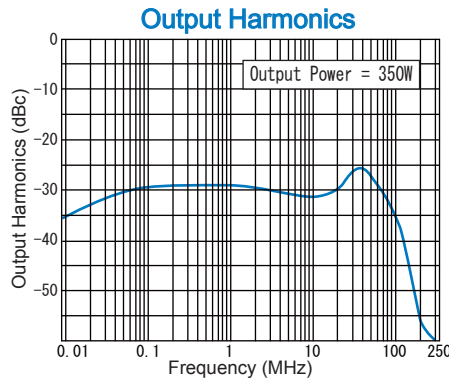
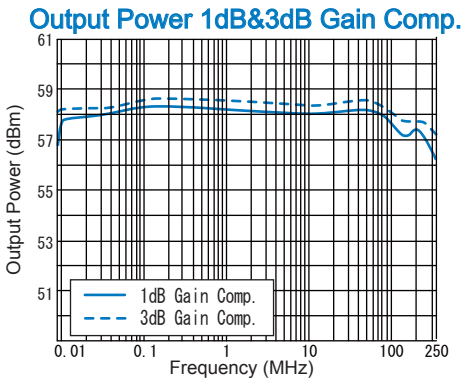
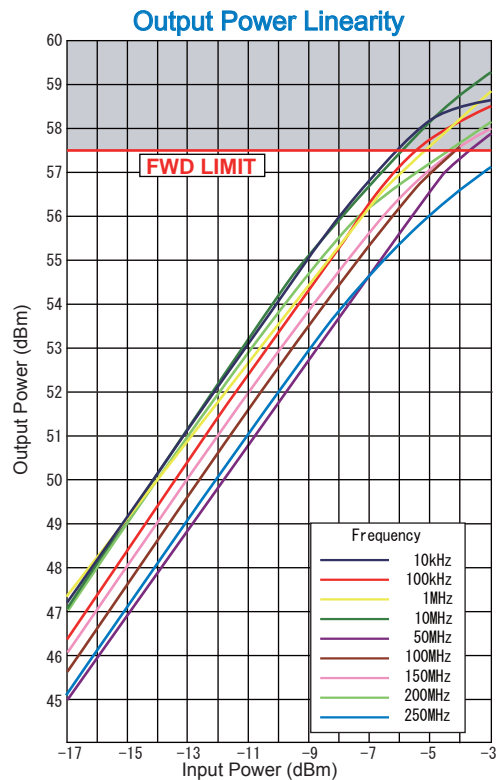
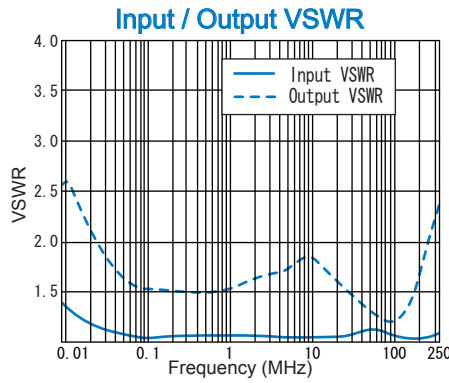
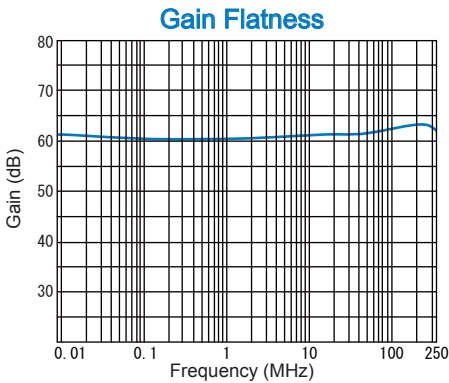
- Class A Linear Solid-State Amplifier
- Broadband Frequency: 9kHz~254MHz
- Output Power : 500W (min.) @3dB Comp.

SPECIFICATIONS @ +25°C

Frequency Range	: 9kHz ~ 254MHz
Small Signal Gain	: +57.0dB (min.)
Gain Flatness	: ±2.0dB (max.)
Output Power @3dB Comp.	: 500W (min.)
@1dB Comp.	: 400W (typ.), 350W (min.)
Output I.C.P.	: +65.5dBm (typ.)
Harmonics	: -20.0dBc (max.) @Po=350W
Spurious	: -60.0dBc (max.) @Po=350W
Impedance	: 50Ω
Input VSWR	: 1.5 (max.)
Output VSWR	: 3.0 (max.)
Maximum RF Input Power	: +3.0dBm
AC Supply Input	: AC200V±15%/1φ, 50/60Hz, 4kVA
Operating Temperature	: 0°C to +40°C
Storage Temperature	: -15°C to +65°C
Connectors	: RF-IN N-FEMALE RF-OUT N-FEMALE
Size	: (W)480mm×(D)649.5mm×(H)310mm
Weight	: 70.0kg (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-A009K251-5757R 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.

R&K Company Limited

721-1 Maeda, Fuji-City, Shizuoka-Pref. 416-8577 Japan
Tel: +81-545-31-2600 E-mail: info@rkco.jp
Fax: +81-545-31-1600 URL: http://rk-microwave.com