

RF POWER AMPLIFIER

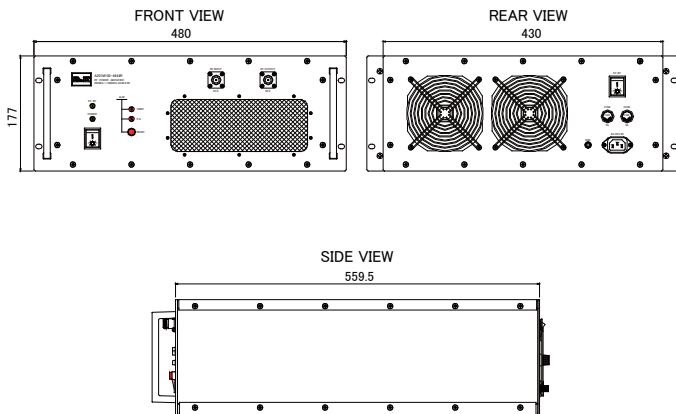


R&K-A201M102-4444R



OUTLINE DRAWING

※IN MILLIMETERS



- Class A Linear Solid-State Amplifier
- Broadband Frequency: 200MHz~1000MHz
- Output Power : 25W(min.) @1dB Comp.

SPECIFICATIONS @ +25°C

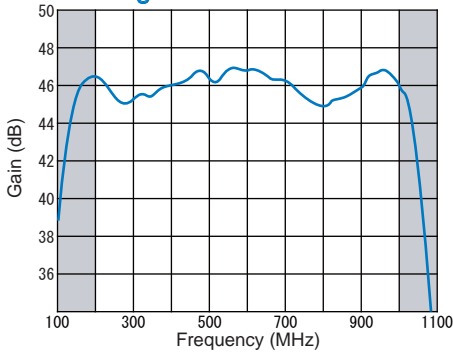
Frequency Range	: 200MHz ~ 1000MHz
Small Signal Gain	: +44.0dB (min.)
Gain Flatness	: ±2.0dB (max.)
Output Power	: 25W (min.) @1dB Comp.
Operation Mode	: Class A
Output I.C.P.	: +54.0dBm (typ.)
Harmonics	: -20.0dBc (max.) @Po=25W
Spurious	: -70.0dBc (max.) @Po=25W
Impedance	: 50Ω
Input VSWR	: 2.0 (max.)
Output VSWR	: 3.0 (max.)
Maximum RF Input Power	: +3.0dBm
AC Supply Input	: AC100V±10%/1φ, 50/60Hz, 300VA
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)559.5mm×(H)177mm
Weight	: 25.0kg (max.)
Cooling	: Forced Air Cooling
Protection Circuits	: Over Temperature Protection Power Supply Voltage Protection

HOW TO ORDER

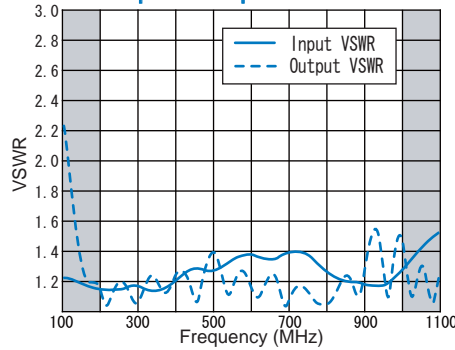
Model Name
R&K-A201M102-4444R No Option

TYPICAL PERFORMANCE (Temp @+25°C)

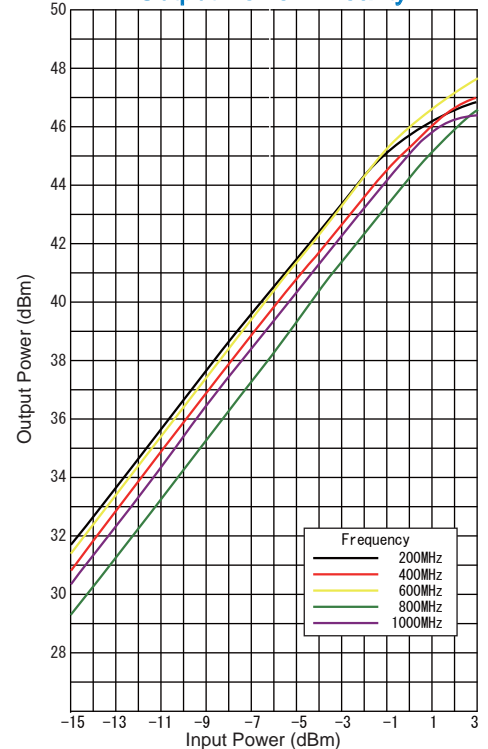
Small Signal Gain & Gain Flatness



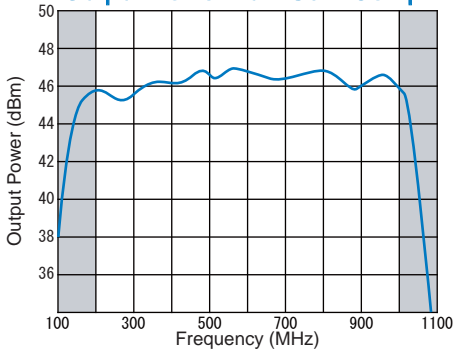
Input / Output VSWR



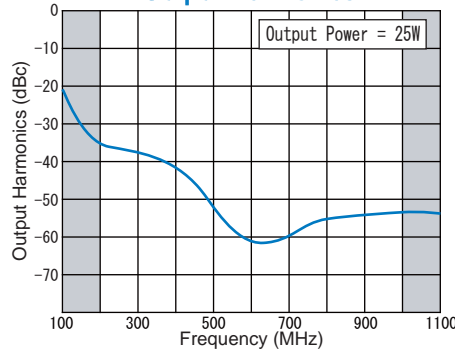
Output Power Linearity



Output Power 1dB Gain Comp.



Output Harmonics



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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