

RF POWER AMPLIFIER

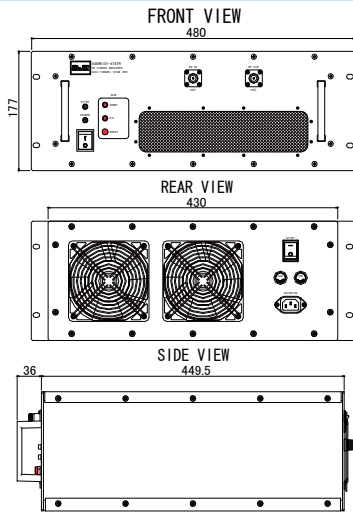


R&K-A009K101-4747R



OUTLINE DRAWING

※ IN MILLIMETERS



- Class A Linear Solid-State Amplifier
- Broadband Frequency: 9kHz~100MHz
- Output Power : 50W(min.) @1dB Comp.

SPECIFICATIONS @ +25°C

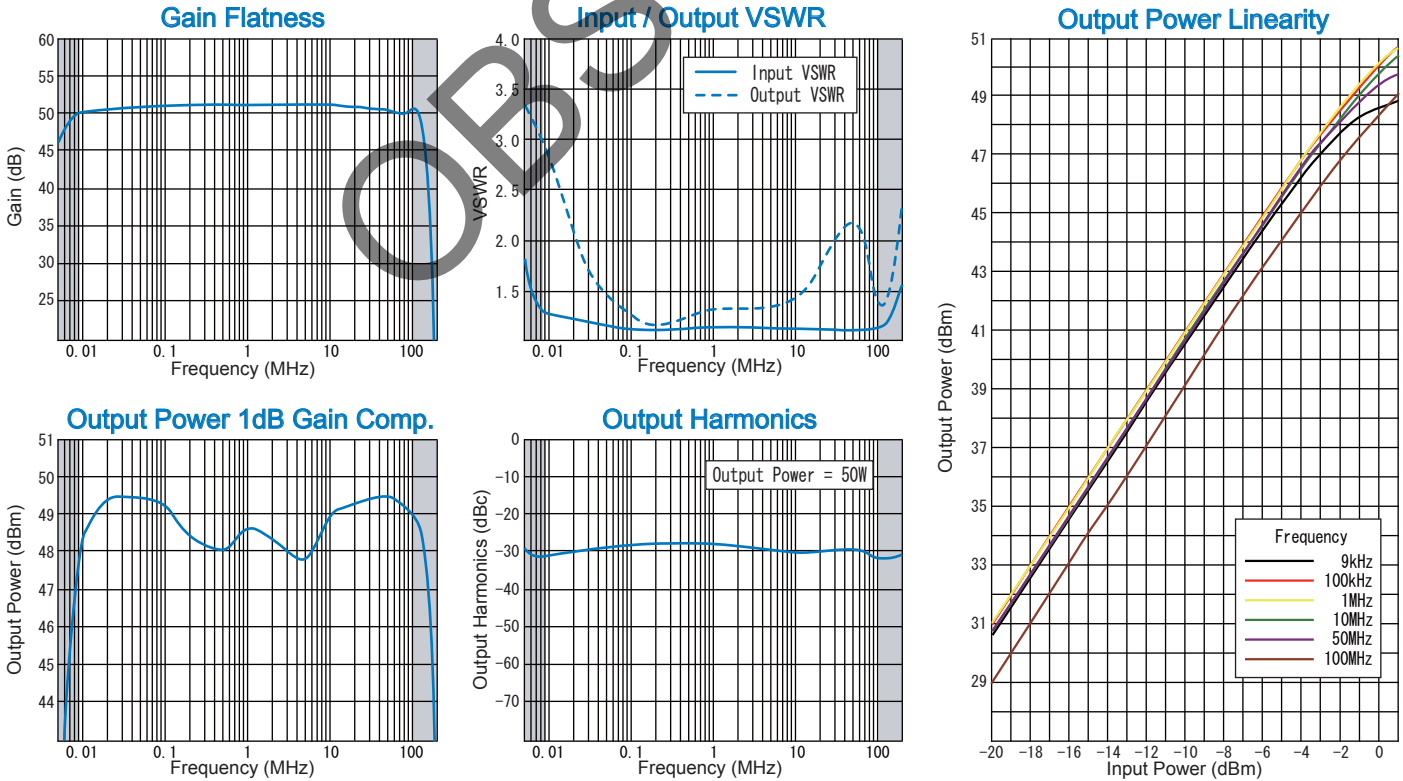
Frequency Range	: 9kHz ~ 100MHz
Small Signal Gain	: +47.0dB (min.)
Gain Flatness	: ±1.5dB (max.)
Output Power	: 50W (min.) @1dB Comp.
Operation Mode	: Class A
Output I.C.P.	: +55.0dBm (typ.)
Harmonics	: -20.0dBc (max.) @Po=50W
Spurious	: -70.0dBc (max.) @Po=50W
Impedance	: 50Ω
Input VSWR	: 2.0 (max.)
Output VSWR	: 3.0 (max.)
Maximum RF Input Power	: +3.0dBm
AC Supply Input	: AC100V±10%/1φ, 50/60Hz, 600VA Δ1
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)449.5mm×(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-A009K101-4747R

No Option

TYPICAL PERFORMANCE (Temp @+25°C)



*CHANGE Δ1 25/05/2012

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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