

# RF POWER AMPLIFIER

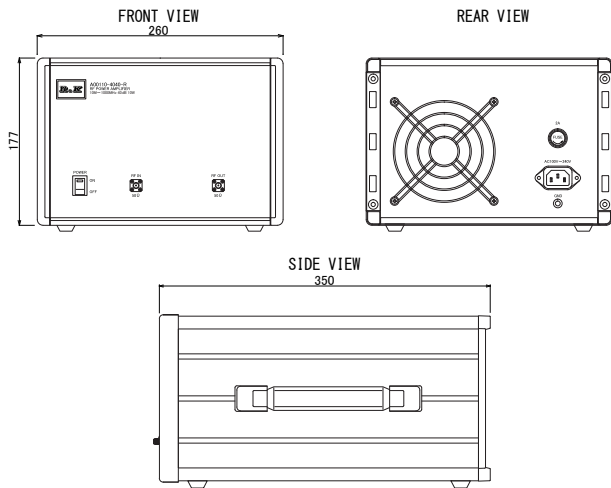


## R&K-A00110-4040-R



### OUTLINE DRAWING

※IN MILLIMETERS



- All-Solid-State Amplifier
- Frequency Range : 10MHz~1000MHz
- Output Power : 10W(min.) @1dB Comp.

### SPECIFICATIONS @ +25°C

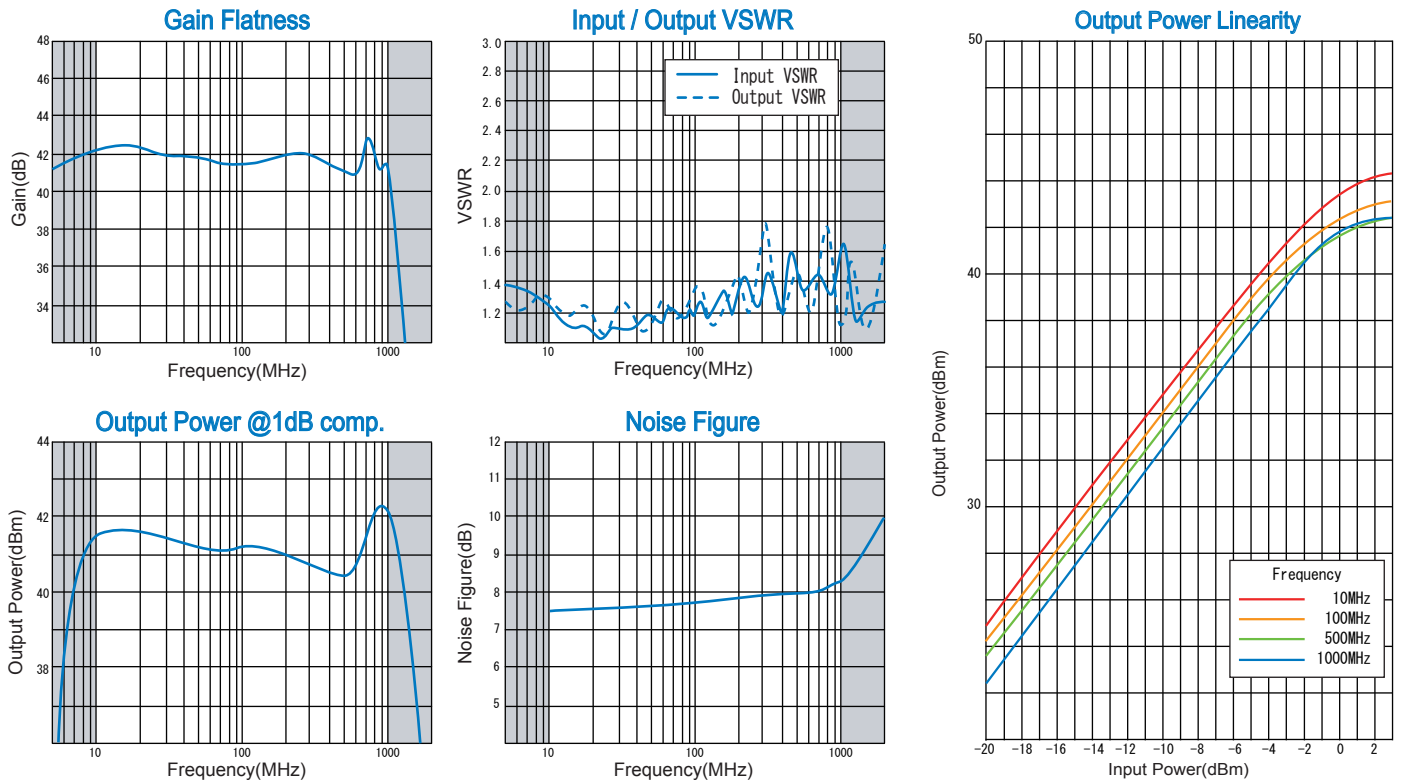
Frequency Range	: 10MHz ~ 1000MHz
Small Signal Gain	: +40.0dB (min.)
Gain Flatness	: ±1.5dB (max.)
Output Power	: 10W (min.) @1dB Comp.
Output I.C.P	: +50.0dBm (typ.)
Noise Figure	: 10dB (typ.)
Harmonics	: -18.0dBc (max.) @Po=10W
Spurious	: -60.0dBc (max.) @Po=10W
Operation Mode	: Class A
Impedance	: 50Ω
Input VSWR	: 2.0 (max.)
Output VSWR	: 3.0 (max.)
AC Supply Input	: AC100V~240V/1φ, 50/60Hz, 150VA Δ1
Maximum RF Input Power	: +3dBm
Operating Temperature	: -10°C to +45°C
Storage Temperature	: -15°C to +65°C
Connectors	: RF - IN SMA - FEMALE RF - OUT SMA - FEMALE
Size	: (W)260mm×(D)350mm×(H)177mm
Weight	: 10.0kg (max.)
Cooling	: Forced Air Cooling

### HOW TO ORDER

Model Number  
R&K-A00110-4040-R

No Option

### TYPICAL PERFORMANCE (Temp @+25°C)



\* Rev. 2 : Feb./23/2017, CHANGE Δ1 18/Jul./2018

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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