

RF POWER AMPLIFIER

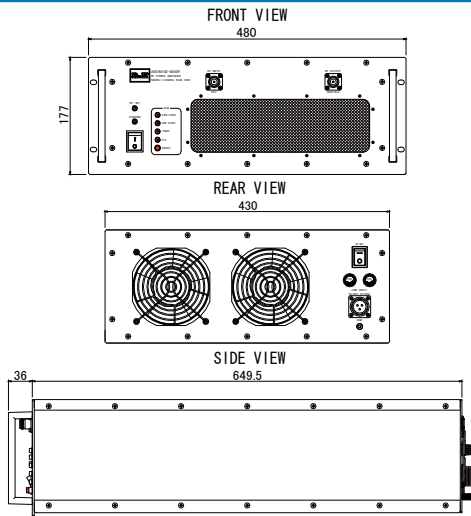


R&K-A501M102-5050R



OUTLINE DRAWING

※ IN MILLIMETERS



- Class A Linear Solid-State Amplifier
- Broadband Frequency: 500MHz~1000MHz
- Output Power : 100W (min.) @1dB Comp.

SPECIFICATIONS @ +25°C

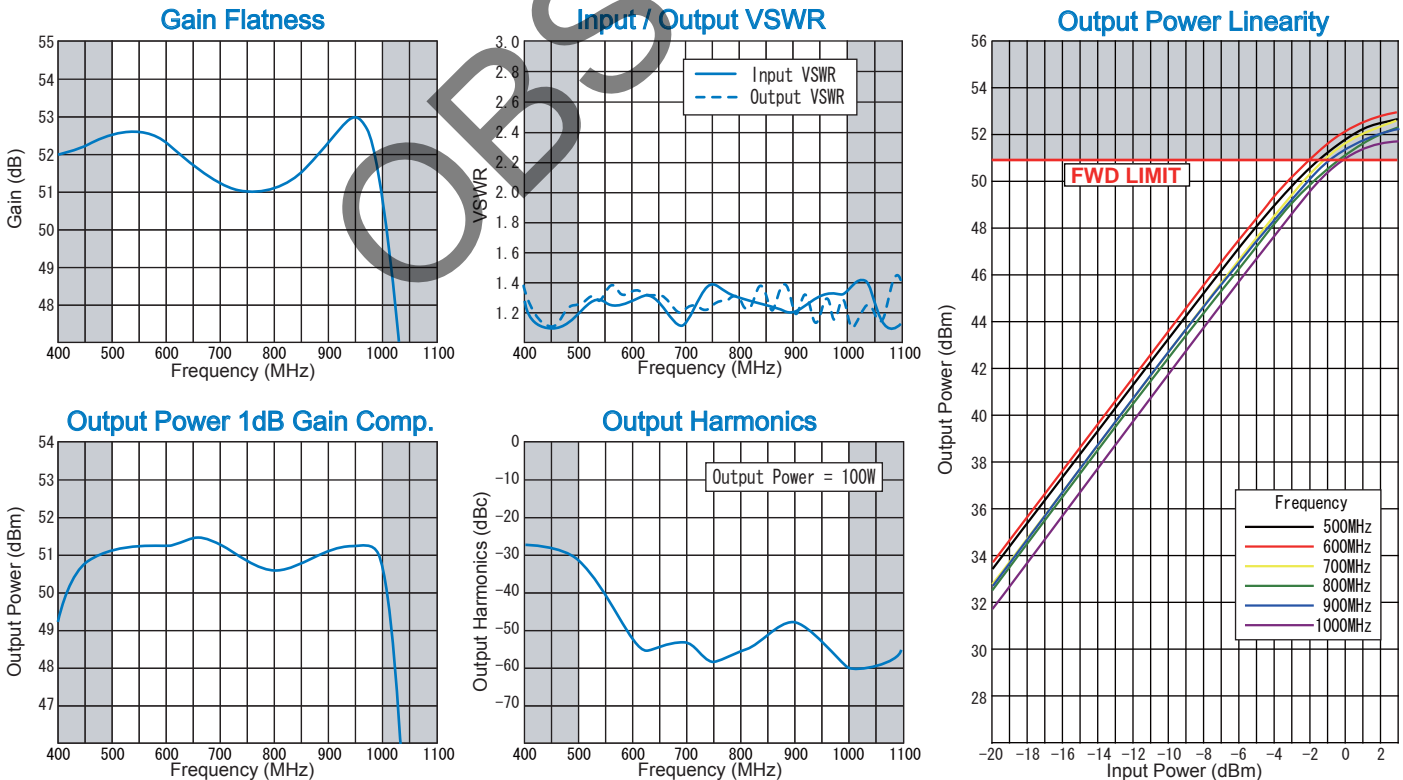
Frequency Range	: 500MHz ~ 1000MHz
Small Signal Gain	: +50.0dB (min.)
Gain Flatness	: ±1.5dB (max.)
Output Power	: 100W (min.) @1dB Comp.
Operation Mode	: Class A
Output I.C.P.	: +60.0dBm (typ.)
Harmonics	: -20.0dBc (max.) @Po=100W
Spurious	: -60.0dBc (max.) @Po=100W
Impedance	: 50Ω
Input VSWR	: 2.0 (max.)
Output VSWR	: 3.0 (max.)
Maximum RF Input Power	: +3.0dBm
AC Supply Input	: AC100V±10%/1φ, 50/60Hz, 1kVA
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)177mm
Weight	: 35.0kg (max.)
Cooling	: Forced Air Cooling
Protection Circuits	: Over Temperature Protection Power Supply Voltage Protection Output Over Power Protection Output Over Reflection Power Protection

HOW TO ORDER

Model Name
R&K-A501M102-5050R

No Option

TYPICAL PERFORMANCE (Temp @+25°C)



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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