

SMALL SIGNAL AMPLIFIER



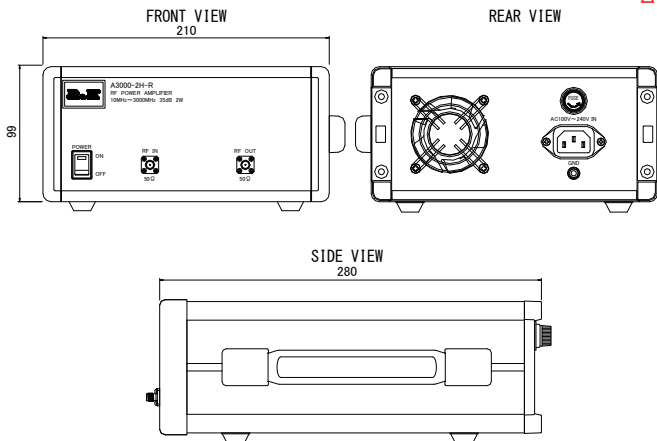
R&K-A3000-2H-R



OUTLINE DRAWING

※IN MILLIMETERS

△1



- All-Solid-State Amplifier
- Frequency Range : 10MHz ~ 3000MHz
- Output Power : 2W (min.) @1dB Comp.

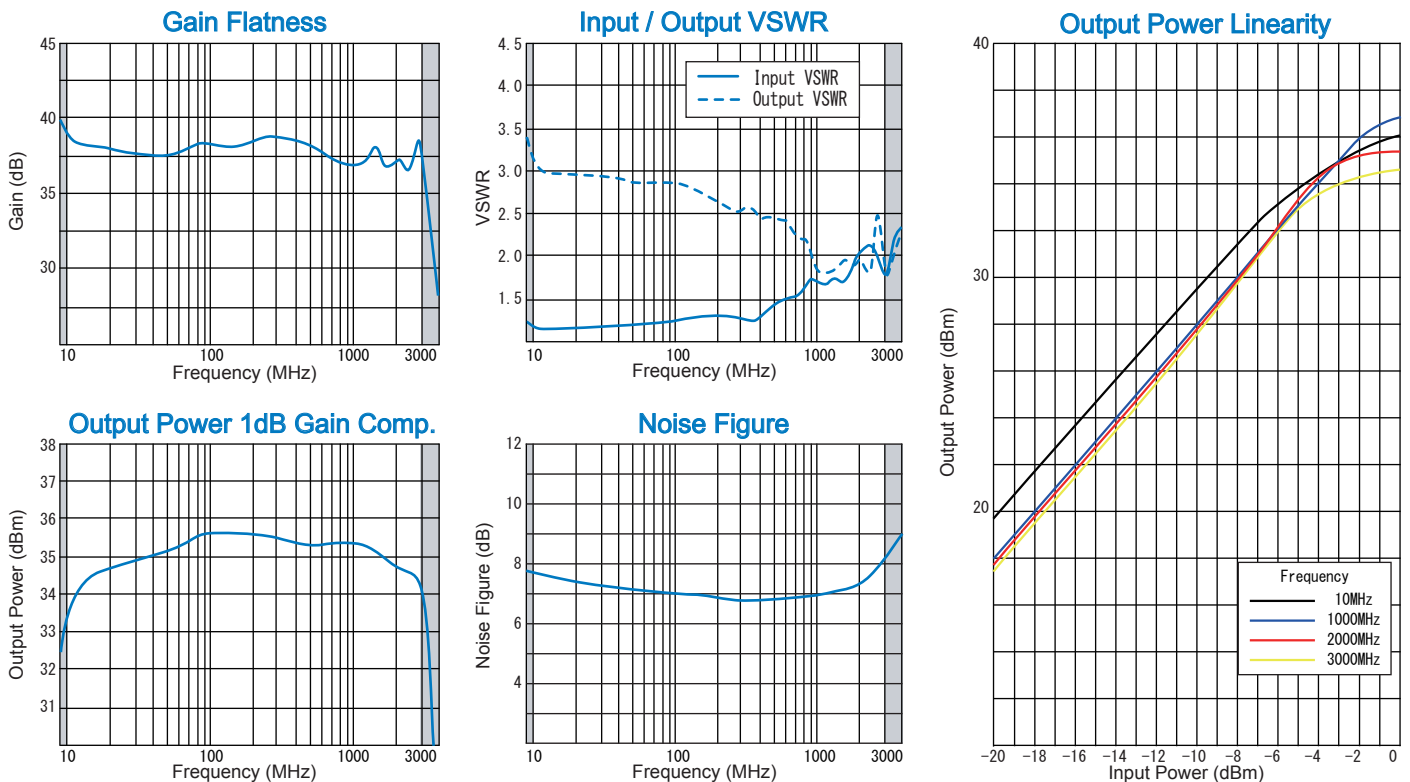
SPECIFICATIONS @ +25°C

Frequency Range	: 10MHz ~ 3000MHz
Small Signal Gain	: +35.0dB (min.)
Gain Flatness	: ±2.0dB (max.)
Output Power	: 2W (min.) @1dB Comp.
Output I.C.P	: +46.0dBm (typ.)
Noise Figure	: 10dB (typ.)
Harmonics	: -30.0dBc (typ.) @Po=1W
Spurious	: -65.0dBc (max.) @Po=2W
Operation Mode	: Class A
Impedance	: 50Ω
Input VSWR	: 2.0 (typ.)
Output VSWR	: 3.0 (typ.)
AC Supply Input	: AC100V ~ 240V / 1φ, 50/60Hz, 60VA △2
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)210mm×(D)280mm×(H)99mm △1
Weight	: 5.0kg (max.)
Cooling	: Forced Air Cooling
Protection Circuit	: Over Temperature Protection

HOW TO ORDER

Model Name
R&K-A3000-2H-R No Option

TYPICAL PERFORMANCE (Temp @+25°C)



* CHANGE △1 Oct./16/2013 △2 Feb./5/2018

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