RF POWER AMPLIFIER

R&K-A0840-4040-R

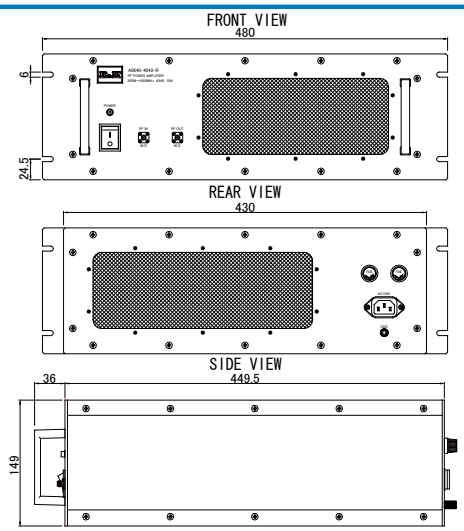
- Class A Linear Solid-State Amplifier
- Broadband Frequency:800MHz～4000MHz
- Output Power :10W(min.) @1dB Comp.

SPECIFICATIONS @＋25℃

Frequency Range	: 800MHz ～ 4000MHz
Small Signal Gain	: ＋40.0dB (min.)
Gain Flatness	: ±3.0dB (max.)
Output Power	: 10W (min.) @1dB Comp.
Operation Mode	: Class A
Output I.C.P.	: ＋50.0dBm (typ.)
Harmonics	: －18.0dBc (max.) @Po=10W
Spurious	: －60.0dBc (max.) @Po=10W
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, 250VA
Operating Temperature	: －10℃ to ＋45℃
Storage Temperature	: －15℃ to ＋65℃
Connectors	: RF - IN SMA - FEMALE RF - OUT SMA - FEMALE
Size	: (W)480mm×(D)449.5mm×(H)149mm
Weight	: 25.0kg (max.)
Cooling	: Forced Air Cooling

OUTLINE DRAWING

※IN MILLIMETERS



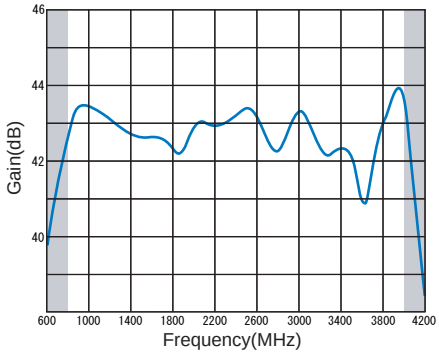
HOW TO ORDER

Model Name

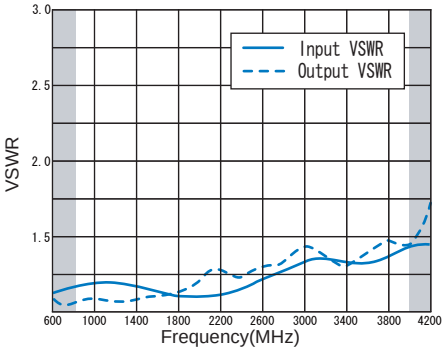
R&K-A0840-4040-R ─┐ No Option

TYPICAL PERFORMANCE (Temp @+25℃)

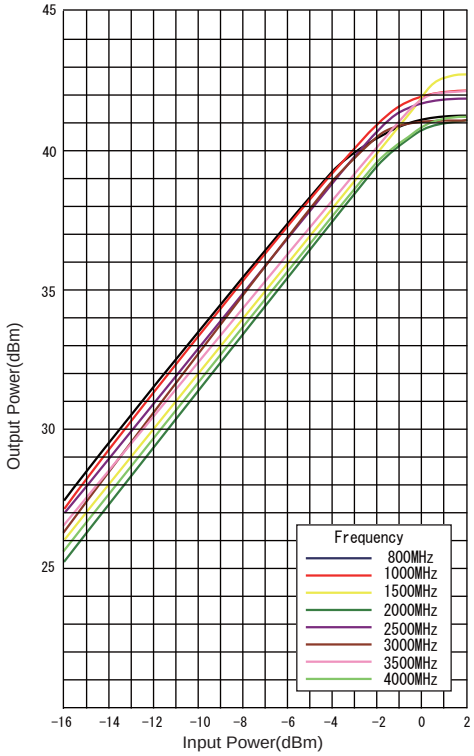
Gain Flatness



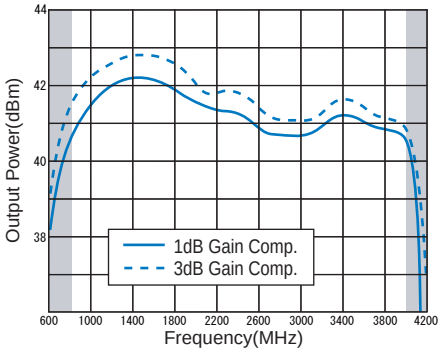
Input / Output VSWR



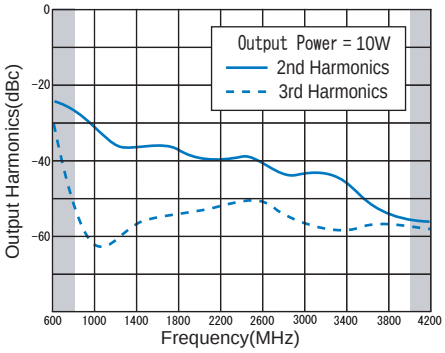
Output Power Linearity



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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