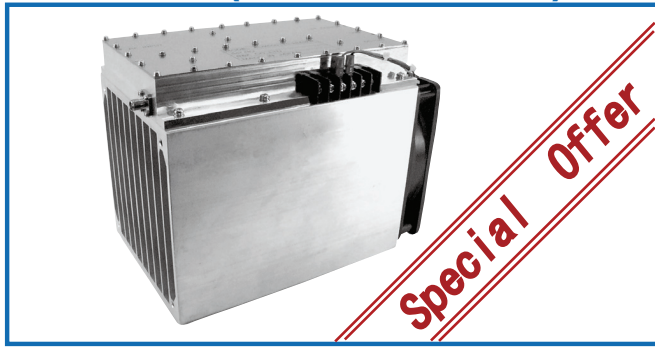
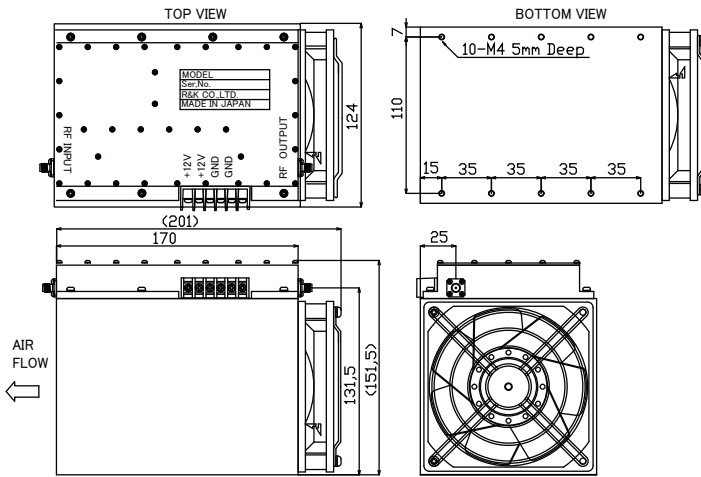


R&K-ALM2527-3943C-SMA (With Circulator)



OUTLINE DRAWING

※ IN MILLIMETERS



TYPICAL PERFORMANCE (Temp @+25°C)

- Broadband Frequency: 2500 ~ 2700MHz
- Output Power : +43dBm
- Gain Flatness : ±1.0dB (typ.)
- With Output Circulator (For full power Protection)
- **Low Cost** : @¥210,000

SPECIFICATIONS

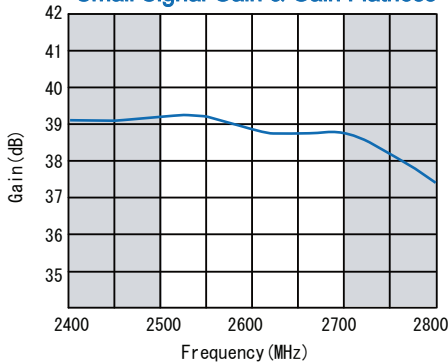
Frequency Range	: 2500~2700MHz
Small Signal Gain	: +39dB (typ.) : +38dB (min.)
Gain Flatness	: ±1.0dB (typ.)
Output Power@1dB Comp.	: +40dBm (min.)
Output I.C.P.	: +53dBm (typ.) @2600MHz
Noise Figure	: 11dB (max.)
Impedance	: 50 Ω
Input VSWR	: 1.5 : 1 (typ.)
Output VSWR	: 1.5 : 1 (typ.)
DC Supply Input	: +12V ±0.5V : 9A (max.)
Maximum RF Input Power	: +7dBm
Operating Temperature	: -10°C to +45°C
Storage Temperature	: -15°C to +65°C
Connectors	: SMA-FEMALE
Weight	: 3kg (typ.)

Forced Air Cooling Required

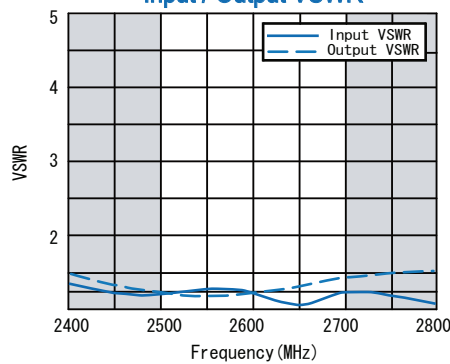
HOW TO ORDER

Model Name
R&K-ALM2527-3943C-SMA No Option

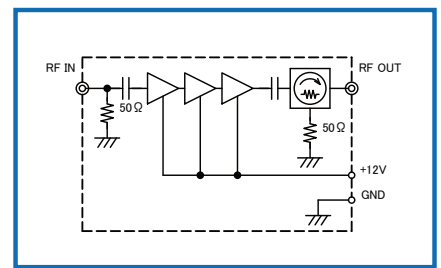
Small Signal Gain & Gain Flatness



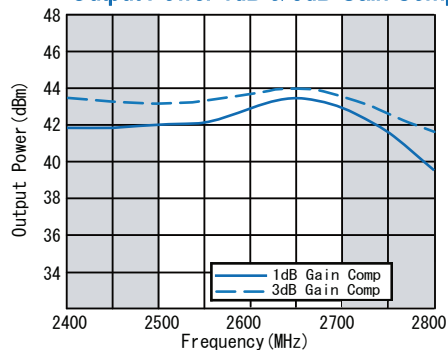
Input / Output VSWR



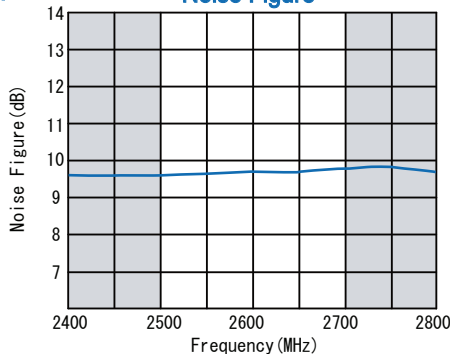
SCHEMATIC



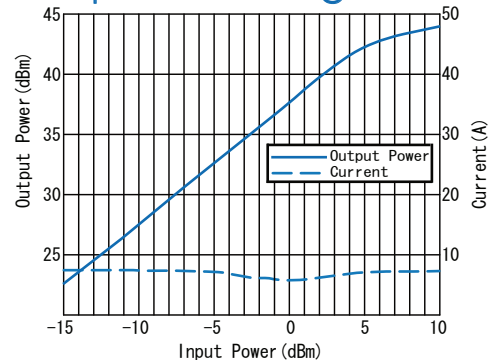
Output Power 1dB & 3dB Gain Comp.



Noise Figure



Output Power vs Current @2600MHz



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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