

POWER AMPLIFIER

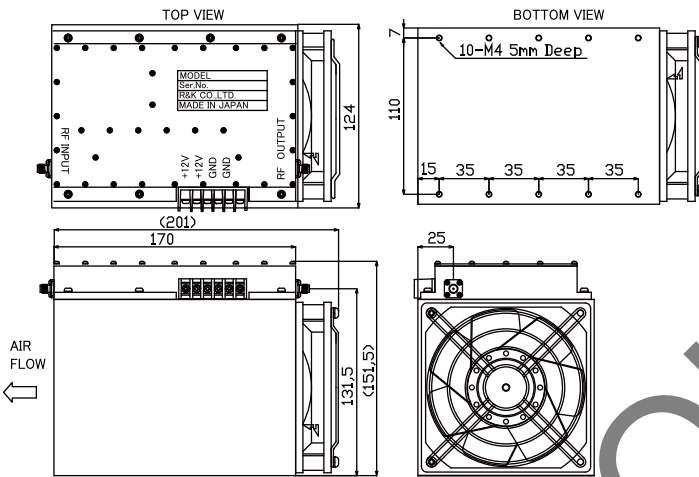


R&K-ALM2527-4547C-SMA (With Circulator)



OUTLINE DRAWING

※ IN MILLIMETERS



- Broadband Frequency : 2500 ~ 2700MHz
- Output Power : +47dBm
- Gain Flatness : ±1.0dB (typ.)
- With Output Circulator (For full power Protection)

SPECIFICATIONS

Frequency Range	: 2500~2700MHz
Small Signal Gain	: +46dB (typ.)
	: +44dB (min.)
Gain Flatness	: ±1.0dB (typ.)
Output Power@1dB Comp.	: +46dBm (min.)
Output I.C.P.	: +56dBm (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
	: 20A (max.)
Maximum RF Input Power	: +3dBm
Operating Temperature	: -10°C to +45°C
Storage Temperature	: -15°C to +65°C
Connectors	: SMA-FEMALE
Weight	: 3kg (typ.)

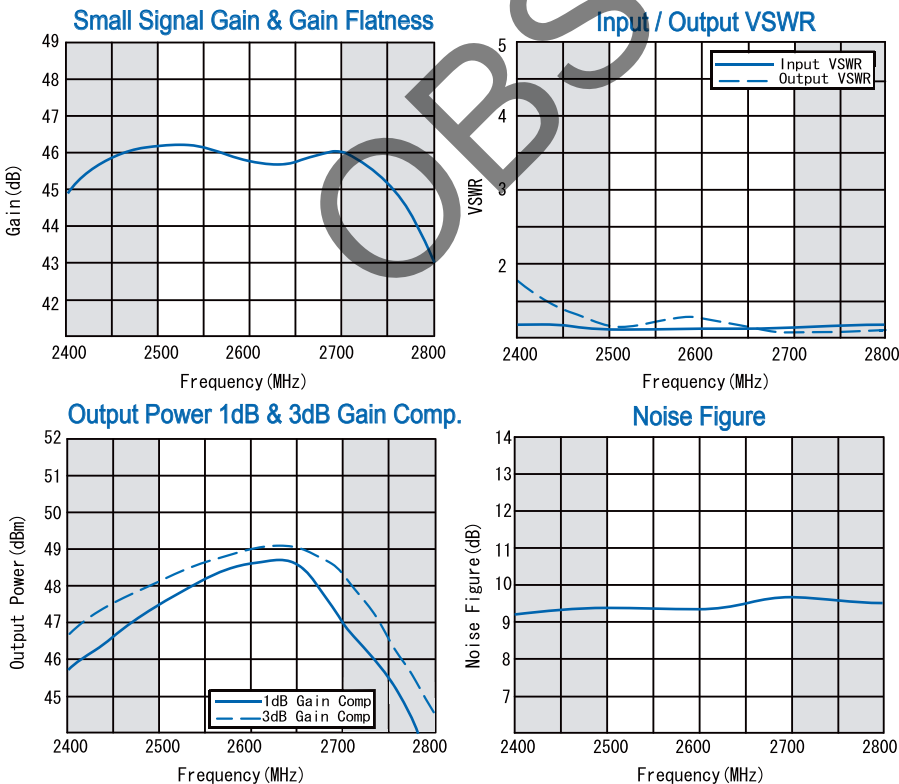
Forced Air Cooling Required

HOW TO ORDER

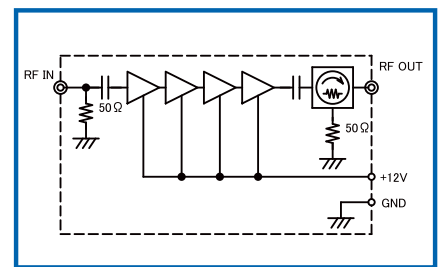
Model Name
R&K-ALM2527-4547C-SMA

— No Option

TYPICAL PERFORMANCE (Temp @+25°C)



SCHEMATIC



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R&K Company Limited

721-1 Maeda, Fuji-City, Shizuoka-Pref. 416-8577 Japan
Tel : +81-545-31-2600 E-mail : info@rkco.jp
Fax : +81-545-31-1600 URL : http://rk-microwave.com