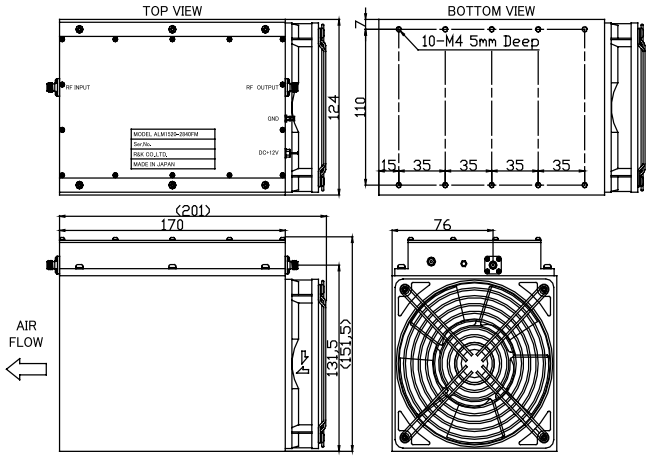
R&K-ALM1520-2840FM-SMA(F)

- Broadband Frequency :1500 ～ 2000MHz
- Output Power : +40dBm
- Gain Flatness : ±1.0dB (max.)
- Low Cost
- RoHS Compliance

OUTLINE DRAWING

※IN MILLIMETERS



SPECIFICATIONS

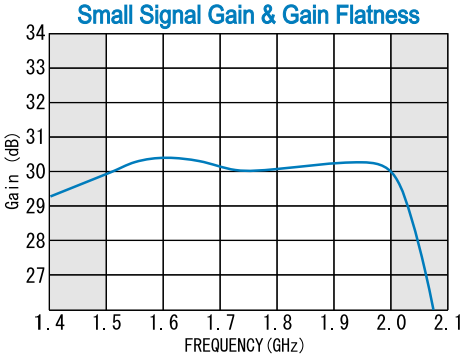
Frequency Range	: 1500 - 2000MHz
Small Signal Gain	: +30dB (typ.)
	: +28dB (min.)
Gain Flatness	: ±1.0dB (max.)
Output Power@1dB Comp.	: +40dBm (min.)
Output I.C.P.	: +52dBm (typ.) @1750MHz
Noise Figure	: 8dB (max.)
Impedance	: 50Ω
Input VSWR	: 1.5 : 1 (typ.)
Output VSWR	: 2.0 : 1 (typ.)
Harmonics	: −18dBc (max.) @+40dBm Output
Spurious	: −60dBc (max.) @+40dBm Output
DC Supply Input	: +12V ±0.5V
	: 7A (max.)
Maximum RF Input Power	: +17dBm
Operating Temperature	: −10℃ to +45℃
Storage Temperature	: −15℃ to +65℃
Connectors	: SMA-FEMALE
Weight	: 3kg (typ.)

HOW TO ORDER

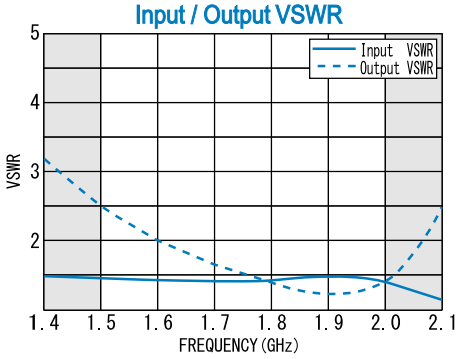
Model Name
R&K-ALM1520-2840FM-SMA(F) — No Option

TYPICAL PERFORMANCE (Temp @+25℃)

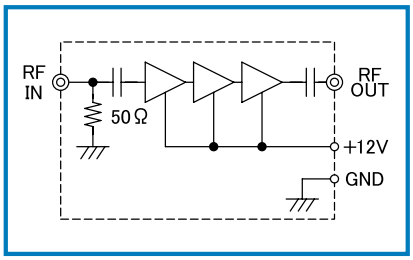
Small Signal Gain & Gain Flatness



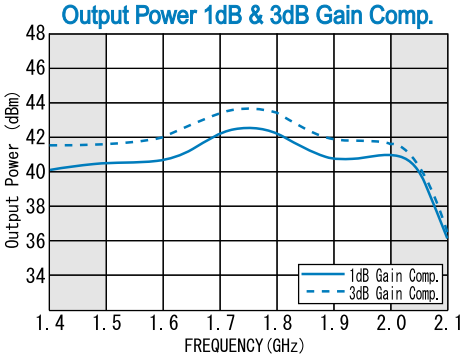
Input / Output VSWR



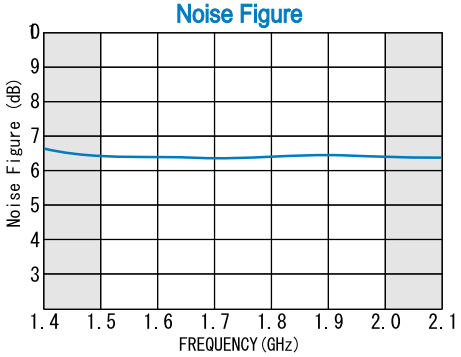
SCHEMATIC



Output Power 1dB & 3dB Gain Comp.



Noise Figure



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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