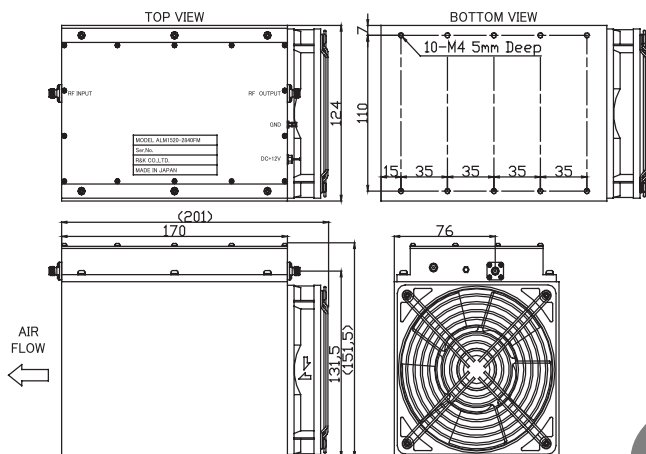


R&K-ALM1520-2840FM-SMA(F)



OUTLINE DRAWING

※IN MILLIMETERS



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

SPECIFICATIONS @ +25°C

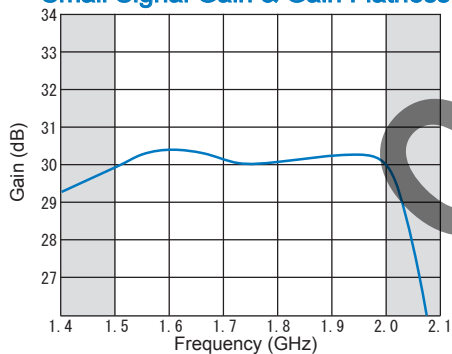
Frequency Range	: 1500MHz~2000MHz
Small Signal Gain	: +30dB (typ.) : +28dB (min.)
Gain Flatness	: ± 1.0 dB (max.)
Output Power@1dB Comp.	: +40dBm (min.)
Output I.C.P.	: +52dBm (typ.) @1750MHz
Noise Figure	: 8.0dB (max.)
Impedance	: 50 Ω
Input VSWR	: 1.5 : 1 (typ.)
Output VSWR	: 2.0 : 1 (typ.)
Harmonics	: -18dBc (max.) @+40dBm Output
Spurious	: -60dBc (max.) @+40dBm Output
DC Supply Input	: +12V ± 0.5 V : 7A (max.)
Maximum RF Input Power	: +17dBm
Operating Temperature	: -10°C to +45°C
Storage Temperature	: -15°C to +65°C
Connectors	: SMA-FEMALE
Weight	: 3kg (typ.)

HOW TO ORDER

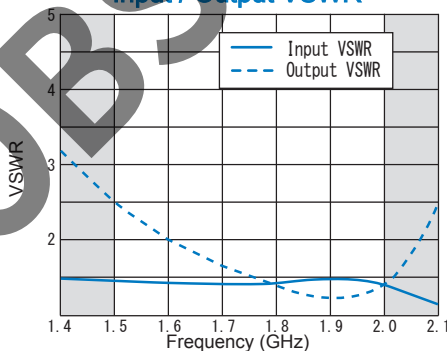
Model Name
R&K-ALM1520-2840FM-SMA(F) No Option

TYPICAL PERFORMANCE (Temp @+25°C)

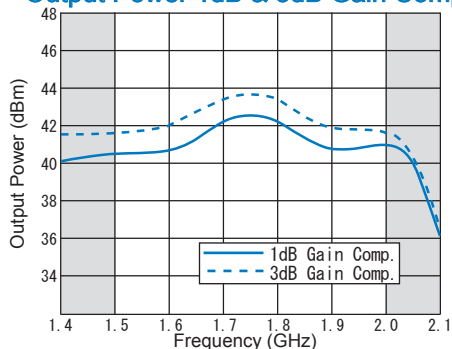
Small Signal Gain & Gain Flatness



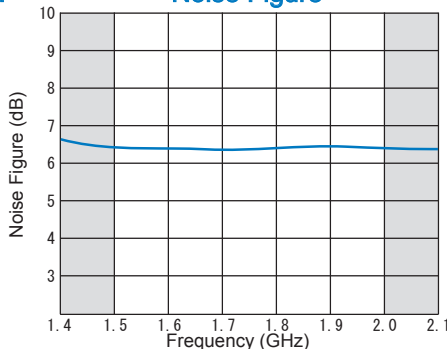
Input / Output VSWR



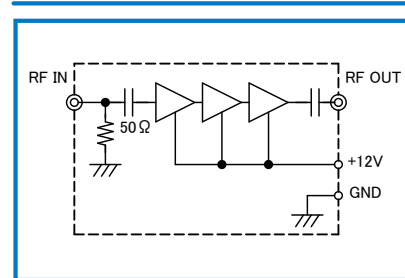
Output Power 1dB & 3dB Gain Comp.



Noise Figure



SCHEMATIC



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