

POWER AMPLIFIER

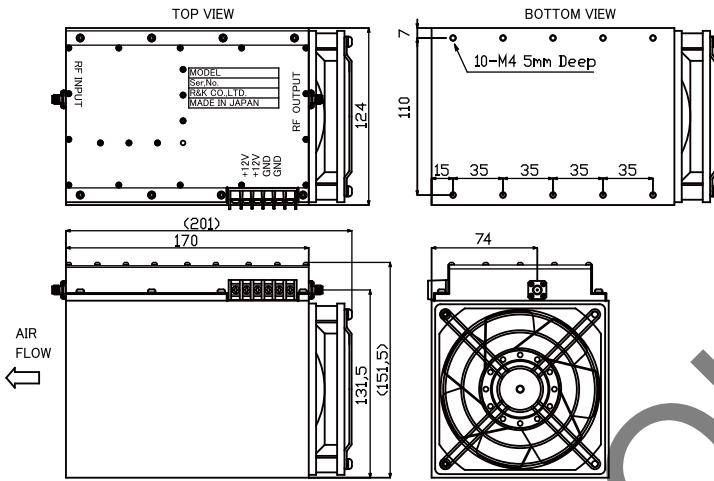


R&K-ALM0510-3846-SMA



OUTLINE DRAWING

※ IN MILLIMETERS



- Broadband Frequency: 500 ~ 1000MHz
- Output Power : +44dBm
- Gain Flatness : ±2.0dB (typ.)
- Without Output circulator

SPECIFICATIONS

Frequency Range	: 500~1000MHz
Small Signal Gain	: +38dB (typ.) : +37dB (min.)
Gain Flatness	: ±2.0dB (typ.)
Output Power@3dB Comp.	: +44dBm (min.)
Output I.C.P.	: +56dBm (typ.) @750MHz
Noise Figure	: 6dB (max.)
Impedance	: 50 Ω
Input VSWR	: 3.0 : 1 (typ.)
Output VSWR	: 3.0 : 1 (typ.)
DC Supply Input	: +12V ±0.5V : 14A (max.)
Maximum RF Input Power	: +12dBm
Operating Temperature	: -10°C to +45°C
Storage Temperature	: -15°C to +65°C
Connectors	: SMA-FEMALE
Weight	: 3kg (typ.)

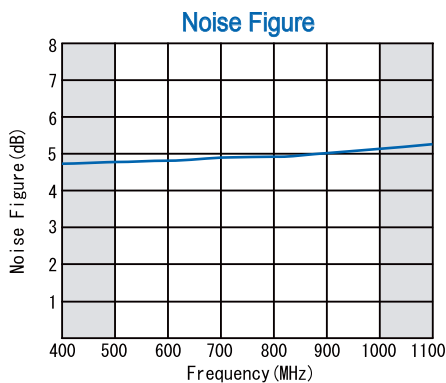
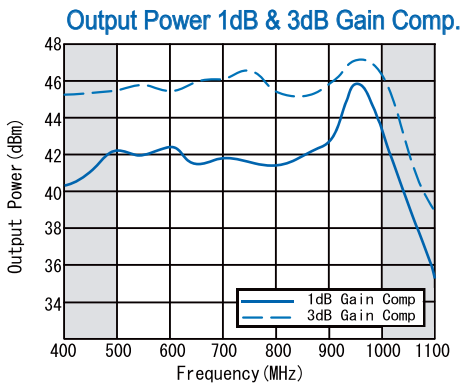
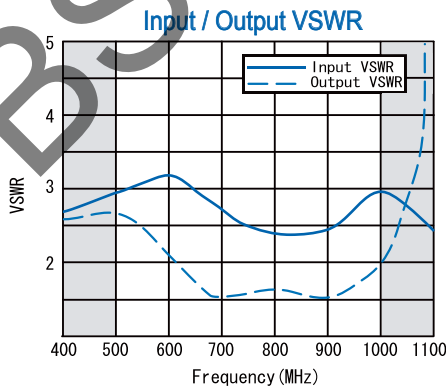
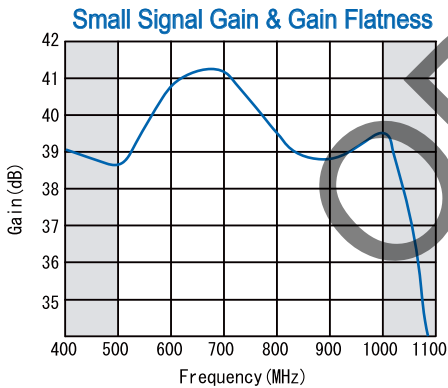
Forced Air Cooling Required

HOW TO ORDER

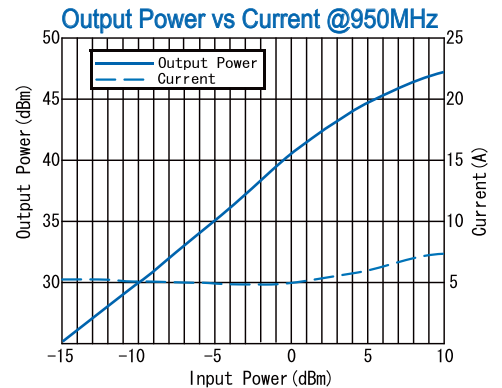
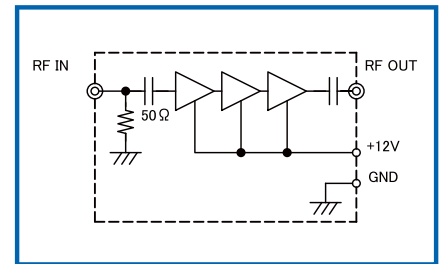
Model Name
R&K-ALM0510-3846-SMA

— No Option

TYPICAL PERFORMANCE (Temp @+25°C)



SCHEMATIC



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