

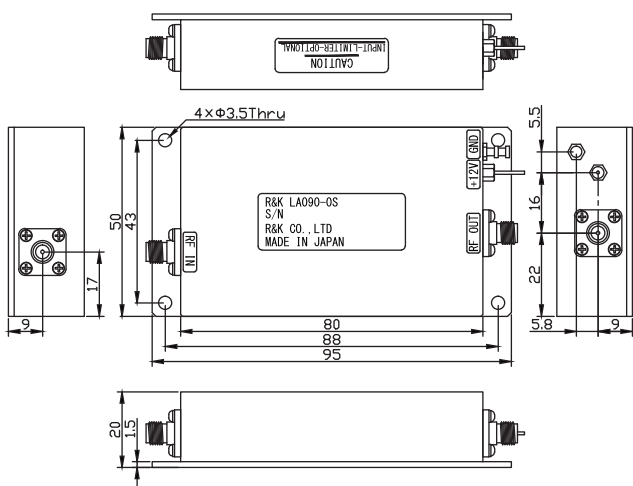
R&K-LA090-0S



OUTLINE DRAWING

※ IN MILLIMETERS

Δ 2



- Noise Figure : 0.85dB (typ.)
-20°C to +60°C : 1.2dB (max.)
- Frequency : 1900 ~ 2000MHz
- Output Power : +22dBm (min.)
- RoHS Compliance

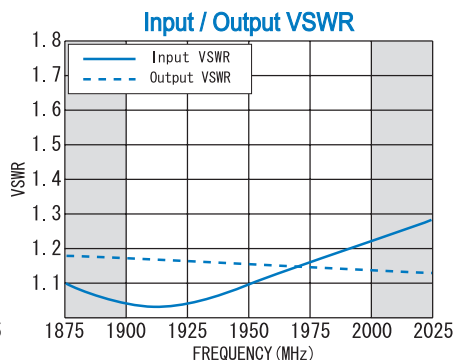
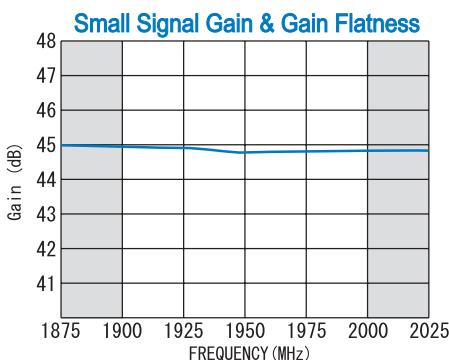
SPECIFICATIONS

- Noise Figure @+25°C : 0.85dB (typ.)
-20°C to 60°C : 1.2dB (max.)
- Frequency Range : 1900 - 2000MHz
- Small Signal Gain @+25°C : +44dB (typ.)
: +43dB (min.)
- Gain Flatness : ±0.5dB (max.)
- Output Power @1dB Comp. : +22dBm (min.)
- Output I.C.P : +34dBm (typ.)
- Impedance : 50Ω
- Input VSWR : 1.3 : 1 (max.)
- Output VSWR : 1.3 : 1 (max.)
- DC Supply Input : +12V ± 0.5V
: 550mA (max.) Δ 1
- Maximum Input : -7dBm
- Operating Temperature : -20°C to +60°C
- Storage Temperature : -30°C to +60°C
- Connectors : SMA-Female
- Weight (Standard) : 190g (typ.)

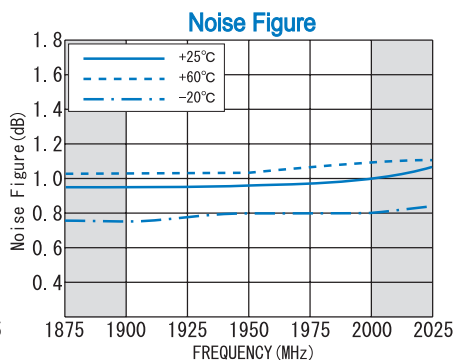
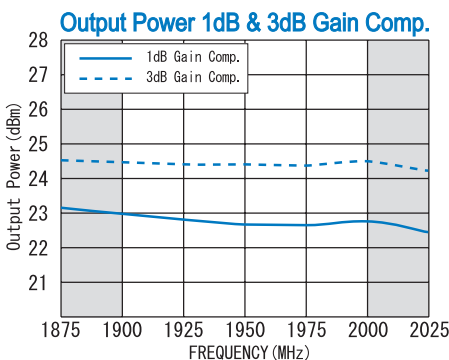
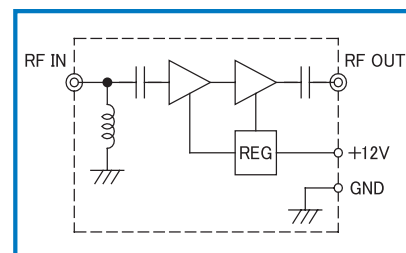
HOW TO ORDER

Model Name
R&K-LA090-0S No Option

TYPICAL PERFORMANCE (Temp @+25°C)



SCHEMATIC



* CHANGE Δ 1 28/Dec./2017 Δ 2 30/May/2018

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, The export of R&K products from Japan may be subject to an export license by the government of Japan, based on Japan's "Foreign Exchange and Foreign Trade Law".

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