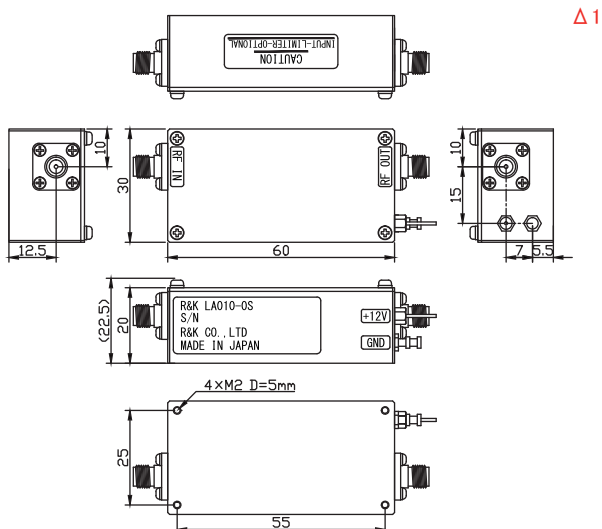


R&K-LA010-0S



OUTLINE DRAWING

※IN MILLIMETERS



- Broadband Frequency : 10 ~ 500MHz
- Noise Figure : 1.4dB (max.)
- Gain Flatness : ±1.0dB (max.)
- Low Cost
- RoHS Compliance

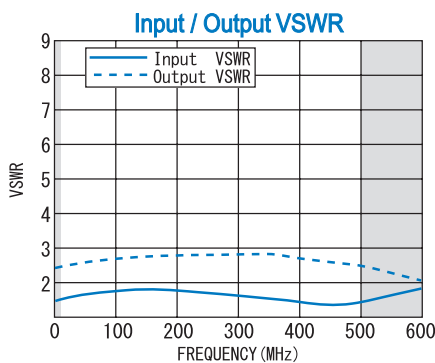
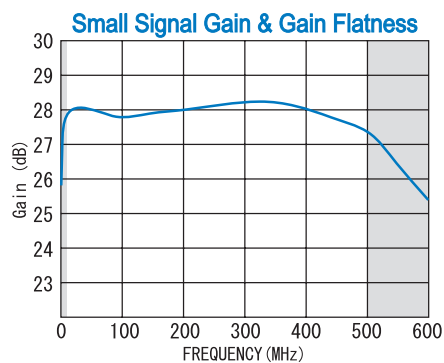
SPECIFICATIONS

Frequency Range	: 10 - 500MHz
Small Signal Gain	: +28dB (typ.) @200MHz : +26dB (min.)
Gain Flatness	: ±1.0dB (max.)
Output Power@1dB Comp.	: 0dBm (min.) @200MHz
Output I.C.P.	: +11dBm (typ.) @200MHz
Noise Figure	: 1.4dB (max.)
Impedance	: 50Ω
Input VSWR	: 1.5 : 1 (typ.)
Output VSWR	: 2.5 : 1 (typ.)
DC Supply Input	: +12V ± 1V : 20mA (max.)
Maximum RF Input Power	: -20dBm
Operating Temperature	: -20°C to + 60°C
Storage Temperature	: -20°C to + 80°C
Connectors (Standard)	: SMA-FEMALE
Connectors (Option)	: BNC-FEMALE : N-FEMALE
Weight (SMA Connector)	: 75g (typ.)

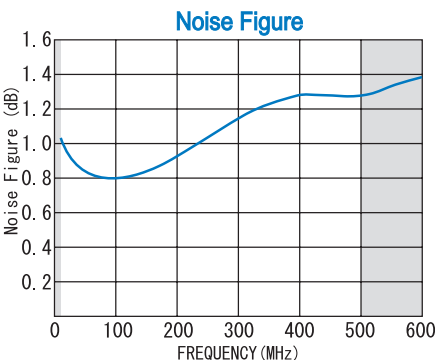
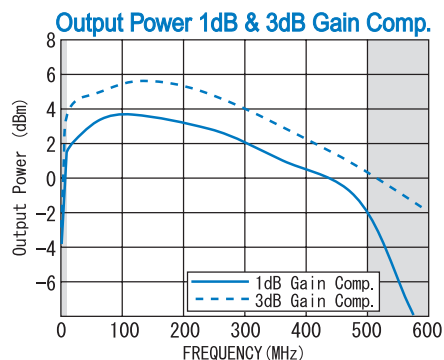
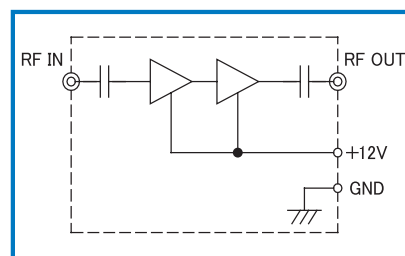
HOW TO ORDER

Model Name	S = SMA - FEMALE
R&K-LA010-0S	B = BNC - FEMALE
	N = N - FEMALE
	0 = Standard Case
	2 = Non Magnetic Case

TYPICAL PERFORMANCE (Temp @+25°C)



SCHEMATIC



* CHANGE Δ1 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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