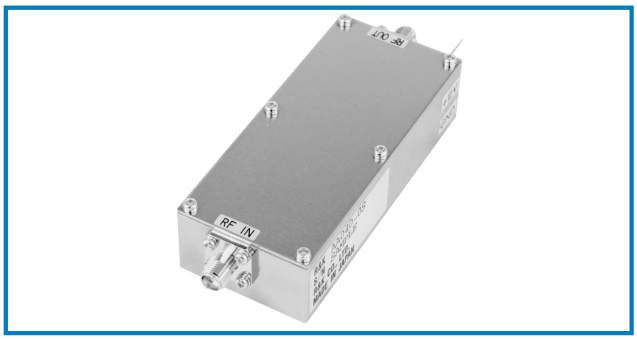
R&K-AA040-0S



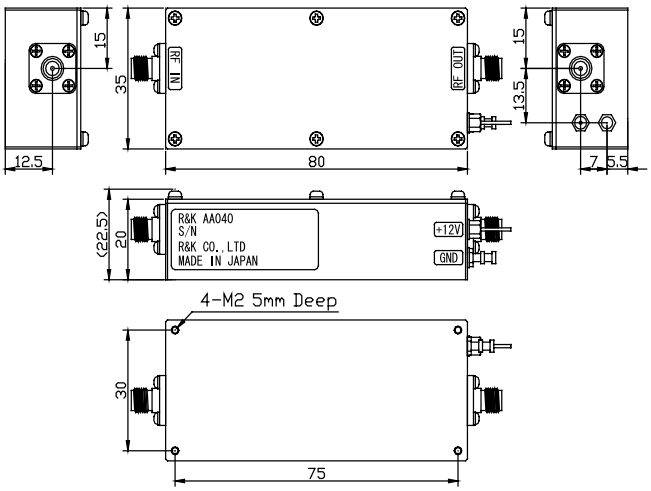
- Broadband Frequency :0.01 ～ 3000MHz
- Output Power : +15dBm @2GHz
- Gain Flatness : ±1.5dB (max.)
- Low Cost
- RoHS Compliance

SPECIFICATIONS

Frequency Range	: 0.01 - 3000MHz
Small Signal Gain	: +41dB (typ.) @2GHz
	: +40dB (min.)
Gain Flatness	: ±1.5dB (max.)
Output Power@1dB Comp.	: +15dBm (min.) @2GHz
Output I.C.P.	: +28dBm (typ.) @2GHz
Noise Figure	: 5.0dB (max.)
Impedance	: 50Ω
Input VSWR	: 1.5 : 1 (typ.)
Output VSWR	: 1.6 : 1 (typ.)
DC Supply Input	: +12V ±1V
	: 180mA (max.)
Maximum RF Input Power	: −20dBm
Operating Temperature	: −20℃ to +60℃
Storage Temperature	: −20℃ to +80℃
Connectors (Standard)	: SMA-FEMALE
Connectors (Option)	: BNC-FEMALE
	: N-FEMALE
Weight (SMA Connector)	: 120g (typ.)

OUTLINE DRAWING

※IN MILLIMETERS



HOW TO ORDER

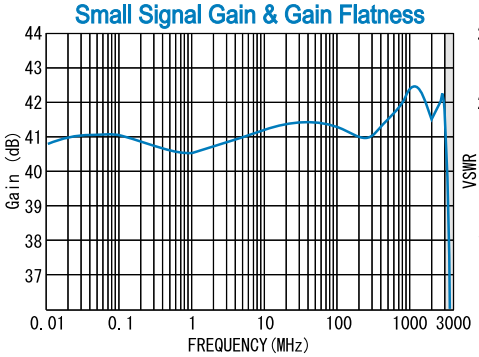
Model Name
R&K-AA040-0S

- S = SMA - FEMALE
- B = BNC - FEMALE
- N = N - FEMALE

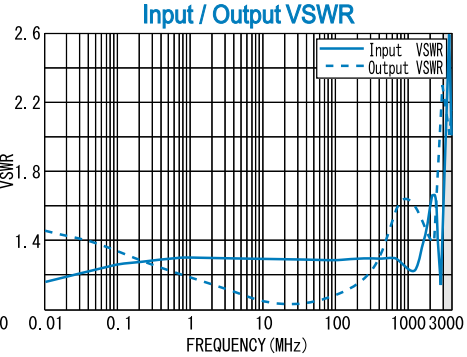
※BNC Operational to 1GHz

TYPICAL PERFORMANCE (Temp @+25℃)

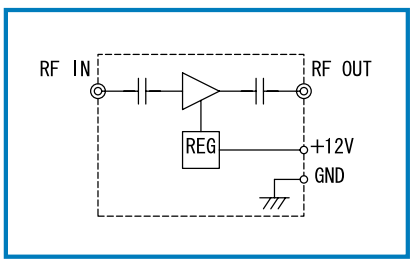
Small Signal Gain & Gain Flatness



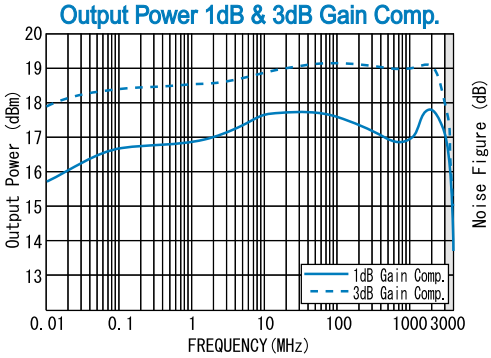
Input / Output VSWR



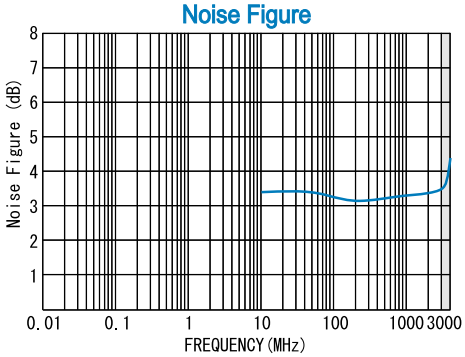
SCHEMATIC



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.

R&K Company Limited
721-1 Maeda,Fuji-City,Shizuoka-Pref.416-8577 Japan
Tel : +81-545-31-2600 E-mail : info@rkco.jp
Fax : +81-545-31-1600 URL : http://rk-microwave.com