R&K-A020M102-4343R

Class A Linear Solid-State Amplifier
- Broadband Frequency: 20MHz ~ 1000MHz
- Output Power: 20W (min.) @1dB Comp.

APPLICATION
- EMC (Electromagnetic Compatibility)
- Accelerator Application (BUNCH BEAM FEEDBACK)
- Telecommunication Test and Measurement Application
- Etc...

SPECIFICATIONS @ +25℃
- Frequency Range: 20MHz ~ 1000MHz
- Small Signal Gain: +43.0dB (min.)
- Gain Flatness: ±2.0dB (max.)
- Output Power: 20W (min.) @1dB Comp.
- Operation Mode: Class A
- Harmonics: −20.0dBc (max.) @Po=20W
- Spurious: −70.0dBc (max.) @Po=20W
- Impedance: 50Ω
- Input VSWR: 2.0 (max.)
- Output VSWR: 3.0 (max.)
- AC Supply Input: AC100V~240V/1φ, 50/60Hz, 400VA
- Maximum RF Input Power: +3.0dBm
- Operating Temperature: 0℃ to +40℃
- Storage Temperature: −15℃ to +65℃
- Connectors:
  - RF - IN N - FEMALE
  - RF - OUT N - FEMALE
- Size: (W)480mm×(D)649.5mm×(H)132.6mm
- Weight: 25.0kg (max.)
- Cooling: Forced Air Cooling
- Protection Circuits:
  - Over Temperature Protection
  - Power Supply Voltage Protection
  - Output Over Power Protection
  - Output Over Reflection Power Protection

OUTLINE DRAWING *

OUTLINE DRAWING ※IN MILLIMETERS

TYPICAL PERFORMANCE (Temp @+25℃)

Gain Flatness

Input / Output VSWR

Output Power 1dB Gain Comp.

Output Harmonics

Output Power Linearity

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”.

R&K Company Limited
721-1 Maeda,Fuji-City,Shizuoka-Pref.416-8577 Japan
Tel: +81-545-31-2600 E-mail: info@rko.co.jp
Fax: +81-545-31-1800 URL: http://rk-microwave.com