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 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".
RF POWER AMPLIFIER

TYPICAL PERFORMANCE (Temp @+25℃)

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-CA186BW3-7878R-LB

Harmonics

Spurious

Output Power Linearity

f = 185.7MHz

*with FWD, Interlock avoided
TYPICAL PERFORMANCE (Temp @+25°C)

R&K-CA186BW3-7878R-LB

---

**RF Stability 1sec Amplitude (V) vs Time (1s full scale, 25000point/40μs)**

- Amplitude (V) vs Time (msec.)
- **f = 185.7MHz**
- Std(Amp.)/Mean(Amp.) in % = 0.008 Should be < 0.1

**RF Stability 1sec Phase (deg.) vs Time (1s full scale, 25000point/40μs)**

- Phase (deg.) vs Time (msec.)
- **f = 185.7MHz**
- Std(Phase) in degree = 0.083 Should be < 0.1

**RF Stability @100h, +25°C**

- Output Power (kW) Amplitude (V) vs Time (h)
- **f = 185.7MHz**
- Forward Power, Environmental Temperature, System Rack Air Temperature, LCW INLET Temperature, LCW OUTLET Temperature

---

R&K Company Limited
721-1 Maeda, Fuji-City, Shizuoka-Pref. 416-8577 Japan
Tel: +81-543-31-2800  E-mail: info@rkco.jp
Fax: +81-543-31-1600  URL: http://rk-microwave.com

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 aeropace 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".