R&K-ALM2450BW100-4547M

**R&K COMPANY LIMITED**

**Specs:**
- **Broadband Frequency:** 2400MHz~2500MHz
- **Output Power:** 50W (typ.) @Psat.
- **Gain Flatness:** ±1.0dB (typ.)
- **With Output circulator** (For full power protection)

### SPECIFICATIONS @ +25°C

- **Frequency Range:** 2400~2500MHz
- **Small Signal Gain:** +43dB (min.)
- **Gain Flatness:** ±1.0dB (typ.)
- **Output Power:** 50W (typ.) @Psat.
- **Output I.C.P.:** +50dBm (typ.) @2450MHz
- **Noise Figure:** 11dB (max.)
- **Impedance:** 50Ω
- **Input VSWR:** 1.5 : 1 (typ.)
- **Output VSWR:** 2.5 : 1 (typ.)
- **Maximum RF Input Power:** +6dBm
- **DC Supply Input:** +12V ±0.5V
- **Operating Temperature:** -10°C to +45°C
- **Storage Temperature:** -15°C to +65°C
- **Connectors:** SMA-FEMALE
- **Weight:** 3kg (typ.)

### HOW TO ORDER

- **Model Name:** R&K-ALM2450BW100-4547M
- **No Option**

### Forced Air Cooling Required

### TYPICAL PERFORMANCE (Temp @+25°C)

- **Small Signal Gain & Gain Flatness**
- **Input / Output VSWR**
- **Output Power vs Current @2450MHz**
- **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 accept products to any country for use in military or defense applications.**

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