**Power Amplifier**

**R&K-ALM2527-4547C-SMA**

*With Circulator*

- **Broadband Frequency:** 2500 ~ 2700MHz
- **Output Power:** +47dBm
- **Gain Flatness:** ±1.0dB (typ.)
- **With Output Circulator** (For full power Protection)
- **Low Cost:** ¥305,000

**Specifications**

- **Frequency Range:** 2500~2700MHz
- **Small Signal Gain:** +46dB (typ.)
- **Gain Flatness:** ±1.0dB (typ.)
- **Output Power@1dB Comp.:** +46dBm (min.)
- **Output I.C.P.:** +56dBm (typ.) @2600MHz
- **Noise Figure:** 11dB (max.)
- **Impedance:** 50Ω
- **Input VSWR:** 1.5:1 (typ.)
- **Output VSWR:** 1.5:1 (typ.)
- **DC Supply Input:** +12V ±0.5V
- **20A (max.)**
- **Maximum RF Input Power:** +3dBm
- **Operating Temperature:** -10°C to +45°C
- **Storage Temperature:** -15°C to +65°C
- **Connectors:** SMA-FEMALE
- **Weight:** 3kg (typ.)

**TYPICAL PERFORMANCE (Temp @+25°C)**

- **Small Signal Gain & Gain Flatness**
- **Input / Output VSWR**
- **Output Power 1dB & 3dB Gain Comp.**
- **Noise Figure**
- **Output Power vs Current @2600MHz**

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**Forced Air Cooling Required**

**How to Order**

Model Name

R&K-ALM2527-4547C-SMA

No Option

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