R&K LA080-OS

**Low Noise Amplifier**

- **Noise Figure**: 0.85dB (typ.) at +25°C, 1.2dB (max.) from -20°C to 60°C
- **Frequency Range**: 1900 ~ 2000MHz
- **Output Power**: +23dBm (min.)
- **Gain Flatness**: ±0.5dB (max.)
- **Output Power at 1dB Comp**: +23dBm (min.)
- **Output I.C.P**: +35dBm (typ.)
- **Impedance**: 50Ω
- **Input VSWR**: 1.3:1 (max.)
- **Output VSWR**: 1.3:1 (max.)
- **DC Supply Input**: +12V ±0.5V
- **Maximum Input**: 5dBm
- **Operating Temperature**: -20°C to +60°C
- **Storage Temperature**: -30°C to +60°C
- **Connectors**: SMA-Female
- **Weight (Standard)**: 190g (typ.)

**Specifications**

- **Small Signal Gain @+25°C**: 35dB
- **Gain Flatness**: ±0.5dB
- **Input VSWR**: 1.3:1
- **Output VSWR**: 1.3:1
- **DC Supply Input**: +12V ±0.5V
- **Maximum Input**: 5dBm
- **Operating Temperature**: -20°C to +60°C
- **Storage Temperature**: -30°C to +60°C
- **Connectors**: SMA-Female
- **Weight (Standard)**: 190g (typ.)

**How to Order**

- **Model Name**: R&K-LA080-OS
- **Options**: No Option

**Typical Performance (Temp @+25°C)**

- **Small Signal Gain & Gain Flatness**
- **Input / Output VSWR**
- **Output Power 1dB & 3dB Gain Comp**
- **Noise Figure**

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