R&K-A5800BW50-5353R

All Solid-State Amplifier
- Frequency Range: \(5800\text{MHz} \pm 25\text{MHz}\)
- Output Power: \(200\text{W} \text{(min.)} @\text{Psat.}\)

APPLICATION
- Industry Science Medical
- Etc...

SPECIFICATIONS \(\oplus +25^\circ\text{C}\)

- Frequency Range: \(5800\text{MHz} \pm 25\text{MHz}\)
- Small Signal Gain: \(+53.0\text{dB (min.)}\)
- Gain Flatness: \(\pm1.0\text{dB (max.)}\)
- Output Power: \(200\text{W} \text{(min.)} @\text{Psat.}\)
- Operation Mode: Class A
- Harmonics: \(-30.0\text{dBc (max.)} @\text{Po}=200\text{W}\)
- Output Power: \(-70.0\text{dBc (max.)} @\text{Po}=200\text{W}\)
- Impedance: \(50\Omega\)
- Input VSWR: \(2.0 \text{(max.)}\)
- Output VSWR: \(2.0 \text{(max.)}\)
- Maximum RF Input Power: \(+3\text{dBm}\)
- AC Supply Input: \(\text{AC200V} \pm \text{15}\% / 1\phi, 50/60\text{Hz}, 2\text{kVA}\)
- Operating Temperature: \(-0^\circ\text{C} \text{to} +35^\circ\text{C}\)
- Storage Temperature: \(-15^\circ\text{C} \text{to} +65^\circ\text{C}\)
- Connectors: RF - IN 7/16" - FEMALE
- RF - OUT 7/16" - FEMALE
- Size: (W)480mm x (D)649.5mm x (H)221.5mm
- Weight: 35.0kg (max.)
- Cooling: Forced Air Cooling
- Protection Circuits: Over Temperature Protection, Power Supply Voltage Protection
- Other: With Output Circulator

HOW TO ORDER
Model Number R&K-A5800BW50-5353R OP XX Option: Ask

TYPICAL PERFORMANCE (Temp @\(+25^\circ\text{C}\))

- Gain Flatness
- Input / Output VSWR
- Output Power Linearity
- Output Power Psat.
- Output Harmonics

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