R&K-GA0827-4552-R

Ultra Wide Band Power Amplifier
- Broadband Frequency: 800MHz ~ 2700MHz
- Output Power (CW): 150W (min.) @ Psat.

**APPLICATION**
- EMC (Electromagnetic Compatibility)
- Accelerator Application
- Telecommunication Test and Measurement Application
- Etc...

**SPECIFICATIONS @ +25ºC**
- Frequency Range: 800MHz ~ 2700MHz
- Small Signal Gain: +45.0dB (typ.)
- Gain Flatness: ±2.0dB (max.)
- Output Power (CW): 100W (typ.) @ 3dB Comp. Δ2
- : 150W (typ.) @ Psat. Δ2
- Impedance: 50Ω
- Input Return Loss: ≤ −10dB (typ.)
- Output Return Loss: ≤ −10dB (typ.)
- Maximum RF Input Power: +10.0dBm
- AC Supply Input: AC85~250V/1φ, 50/60Hz, 1.2kVA
- Operating Temperature: −10ºC to +45ºC
- Storage Temperature: −15ºC to +65ºC
- Connectors: RF-IN SMA-FEMALE @ REAR PANEL
- RF-OUT N -FEMALE @ REAR PANEL
- Size: (W)480mm×(D)500mm×(H)133mm(EIA:3U)
- Cooling: Forced Air Cooling
- Protection Circuits: Over Temperature Protection

**OUTLINE DRAWING**

**TYPICAL PERFORMANCE (Temp @+25ºC)**

- Small Signal Gain & Gain Flatness
- Input / Output Return Loss
- Output Power Linearity
- Output Harmonics

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