R&K company limited

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Class A Linear Solid-State Amplifier
- Broadband Frequency: 9kHz ~ 400MHz
- Output Power (CW): 500W (typ.) @1dB Comp.

APPLICATION
- EMC (Electromagnetic Compatibility)
- Etc.

SPECIFICATIONS @ +25℃

<table>
<thead>
<tr>
<th>Frequency Range</th>
<th>9kHz ~ 400MHz</th>
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</thead>
<tbody>
<tr>
<td>Small Signal Gain</td>
<td>+56.0dB (min.)</td>
</tr>
<tr>
<td>Gain Flatness</td>
<td>± 2.0dB (max.)</td>
</tr>
<tr>
<td>Output Power (CW)</td>
<td>500W (typ.) @1dB Comp.</td>
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<tr>
<td>100kHz ~ 380MHz</td>
<td>400W (min.) @1dB Comp.</td>
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<tr>
<td>9kHz ~ 400MHz</td>
<td>350W (min.) @1dB Comp.</td>
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</tbody>
</table>

Operation Mode: Class A
Harmonics: -20dBc (max.) @ Po=350W
Spurious: -65dBc (max.) @ Po=500W
Impedance: 50Ω
Input VSWR: 2.0 (max.)
Output VSWR: 3.0 (typ.)
Maximum RF Input Power: +3dBm
AC Supply Input: AC200V±15%/1φ, 50/60Hz, 5.5kVA
Operating Temperature: 0℃ to +35℃
Storage Temperature: −15℃ to +65℃
Connectors: RF-IN N - FEMALE
RF-OUT N - FEMALE
Size: (W)853mm×(H)982mm (EIA:15U)

Other Functions:
- GP-IB (IEEE-488)
- Safety Interlock (EMERGENCY)

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