Analog Devices Welcomes Hittite Microwave Corporation

NO CONTENT ON THE ATTACHED DOCUMENT HAS CHANGED
Rack Mount Amplifier

Solid State Rack Mounted
High Power Amplifier

Typical Applications
- Commercial Radar
- Military Radar
- Electronic Warfare
- Test Equipment

Features
- Highest Power
- Smallest Footprint
- Lightest Weight

General Description
The KHPA-0206 300WR is a high power rack mounted microwave amplifier that covers a 4 GHz range in the 2-6 GHz band. The amplifier provides an output of 300 watts TYP. A number of options are available depending on customer requirements. TTL Local/Remote switching is provided as an option. 100W and 200W versions available.

Table 1. Specifications

<table>
<thead>
<tr>
<th>Input Power</th>
<th>110/240VAC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frequency</td>
<td>50/60 Hz</td>
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</table>

<table>
<thead>
<tr>
<th>Output Specifications [ @ 25º C ]</th>
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</thead>
<tbody>
<tr>
<td>Frequency Range</td>
</tr>
<tr>
<td>Saturated Power Output</td>
</tr>
<tr>
<td>Gain</td>
</tr>
<tr>
<td>Noise Figure</td>
</tr>
<tr>
<td>In/Out VSWR</td>
</tr>
<tr>
<td>In/Out Impedance</td>
</tr>
<tr>
<td>Local/Remote</td>
</tr>
</tbody>
</table>

Connectors
- RF In / Out "N" Female

Mechanical
- 5U Aluminum Chassis (19" rack mount)
- 19" wide, 10.5" High, 17.7" Depth
- Chassis Grounded

Environmental
- Operating Temperature -40º to 50º C
- Storage Temperature -40º to 50º C
- Relative Humidity 5 to 95% non-condensing

MTBF
- 200,000 hours

The information provided in this document is for a product controlled by the International Traffic in Arms Regulations (ITAR). This product cannot be shipped outside of the United States without a U.S. Department of State export license.