Communications & Power Industries Power Supplies

CPI Beverly Microwave Division manufactures CW, TWT power supplies for use in Electronic Warfare electronic counter measures and radar applications.

**FEATURES:**
- High altitude compliant
- Small, condensed supplies
- Airborne qualified
- Pod mounted capability

**BENEFITS:**
- High reliability
- Rugged for airborne military environment

**APPLICATIONS:**
- Airborne radars
- EW applications
- Radars

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**Typical Operating Parameters**

<table>
<thead>
<tr>
<th>Frequency (GHz)</th>
<th>Peak Power</th>
<th>Operating Voltage</th>
<th>Operating Temperatures</th>
<th>Altitude</th>
<th>VED Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>X-Band</td>
<td>800 Watts</td>
<td>2750V</td>
<td>-45 to +88 degrees C</td>
<td>70,000 ft</td>
<td>Magnetron</td>
</tr>
<tr>
<td>I/J-Band</td>
<td>50-100 Watts</td>
<td>4400V (cathode)</td>
<td>-30 to +60 degrees C</td>
<td>10,000 ft</td>
<td>Helix TWT</td>
</tr>
<tr>
<td>Ku-Band</td>
<td>400 Watts (pulsed)</td>
<td>28VDC</td>
<td>-40 to +70 degrees C</td>
<td>36,000 ft</td>
<td>Booster Helix TWT</td>
</tr>
<tr>
<td>Low band</td>
<td>400-1000 Watts</td>
<td>4.4 kV</td>
<td>-30 to +80 degrees C</td>
<td>50,000 ft</td>
<td>Helix TWT</td>
</tr>
</tbody>
</table>

Power levels and frequencies are dependent on the TWT selected.

For more detailed information, please refer to the corresponding CPI technical description if one has been published, or contact CPI. Specifications may change without notice as a result of additional data or product refinement. Please contact CPI before using this information for system design.

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