CPI Beverly Power Supplies

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

Benefits:
- High reliability
- Rugged for airborne military environment

CPI Beverly Microwave Division manufactures CW, TWT power supplies for use in Electronic Warfare Electronic Counter Measures and radar applications.

Applications:
- Airborne radars
- EW Applications
- Radar

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>VEDType</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.

The values listed above represent specified limits for the product and are subject to change. The data should be used for basic information only. Formal, controlled specifications may be obtained from CPI for use in equipment design.

For information on this and other CPI products visit our webpage at www.cpii.com/BMD, or contact:
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