Communications & Power Industries CW TWT Amplifiers

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

With a history of producing high quality products, we can help you with your CW TWT amplifiers.

Contact us at BMDMarketing@cpii.com or at call us at +1 978-922-6000.

**FEATURES:**
- 6 - 18 GHz, 600 W single amplifier
- 2 - 4 GHz, >200W, pod mounted TWTA
- 5.25 - 10.5 GHz, >200 W, pod mounted TWTA
- 7.0 - 18 GHz, >200 W pod mounted TWTA
- Air cooled and conduction cooled

**BENEFITS:**
- Compact RF sources
- Stable RF with excellent phase and amplitude
- Wideband capability
- Built in test
- Rugged for airborne military environment

**APPLICATIONS:**
- Airborne radars
- EW Applications

### Typical Operating Parameters

<table>
<thead>
<tr>
<th>Frequency</th>
<th>Power (cw)</th>
<th>Duty</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 Bands (2GHz – 18 GHz)</td>
<td>&gt; 250W</td>
<td>EW TWT</td>
</tr>
<tr>
<td>J - Band</td>
<td>400 KW</td>
<td>TWT</td>
</tr>
<tr>
<td>2 Bands (2GHz – 18 GHz)</td>
<td>100 KW</td>
<td>Booster</td>
</tr>
</tbody>
</table>

Power levels and frequencies 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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