Coupled Cavity TWT Transmitters

Communications & Power Industries CCTWT Transmitters

CPI Beverly Microwave Division manufactures CCTWT Transmitters for search and rescue radar, and G/MTI radars.

With a history of producing high quality products, we can help you with your coupled cavity TWT transmitter. Contact us at BMDMarketing@cpii.com or at call us at +1 978-922-6000.

**FEATURES:**
- X-Band: 15 kW peak power, 4% duty, air cooled
- X-Band: 17 kW peak power, 6% duty, oil cooled
- C-Band: 60 kW peak power, 5% duty, water cooled

**BENEFITS:**
- Compact and rugged construction for use in difficult environments
- Excellent phase noise performance for MTI radar
- Excellent performance for all pulse wave forms
- Remote control via simple interface
- Built in test (BITE)

**APPLICATIONS:**
- Shipboard radars
- Airborne radars
- Ground based radars

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**Typical Operating Parameters**

<table>
<thead>
<tr>
<th>Item</th>
<th>Frequency</th>
<th>Peak Power</th>
<th>Duty</th>
</tr>
</thead>
<tbody>
<tr>
<td>Air Cooled</td>
<td>X - Band</td>
<td>15 KW</td>
<td>4%</td>
</tr>
<tr>
<td>Oil Cooled</td>
<td>X - Band</td>
<td>17 KW</td>
<td>6%</td>
</tr>
<tr>
<td>Water Cooled</td>
<td>C - Band</td>
<td>60 KW</td>
<td>5%</td>
</tr>
</tbody>
</table>

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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