Solid State Waveguide Limiters

Communications & Power Industries Waveguide Limiters

With a history of producing high quality products, we can help you with waveguide limiters.

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

FEATURES:
• Variable attenuation
• Excess noise generation
• Filtering
• Coupling
• Waveguide to coax transitions

BENEFITS:
• High power handling
• Low leakage

APPLICATIONS:
• Specification variations available for various market uses

Typical Operating Parameters

<table>
<thead>
<tr>
<th>Frequency</th>
<th>S- Band</th>
<th>C- Band</th>
<th>X- Band</th>
<th>Ku-Band</th>
<th>Ka-Band</th>
</tr>
</thead>
<tbody>
<tr>
<td>Peak Power Handling</td>
<td>10 kW</td>
<td>5 kW</td>
<td>2 kW</td>
<td>1 kW</td>
<td>100 W</td>
</tr>
<tr>
<td>Average Power Handling</td>
<td>10 W</td>
<td>5 W</td>
<td>2 W</td>
<td>1 W</td>
<td>1 W</td>
</tr>
<tr>
<td>Pulse Width</td>
<td>10 ms</td>
<td>10 ms</td>
<td>1 ms</td>
<td>1 ms</td>
<td>1 ms</td>
</tr>
<tr>
<td>Insertion Loss</td>
<td>0.5 dB</td>
<td>0.7 dB</td>
<td>1.0 dB</td>
<td>1.5 dB</td>
<td>2.0 dB</td>
</tr>
<tr>
<td>Flat Leakage</td>
<td>50 mW</td>
<td>50 mW</td>
<td>50 mW</td>
<td>50 mW</td>
<td>100 mW</td>
</tr>
<tr>
<td>Spike Leakage</td>
<td>100 mW</td>
<td>100 mW</td>
<td>100 mW</td>
<td>100 mW</td>
<td>500 mW</td>
</tr>
<tr>
<td>Recovery Time</td>
<td>1 ms</td>
<td>1 ms</td>
<td>1 ms</td>
<td>0.5 ms</td>
<td>0.5 ms</td>
</tr>
</tbody>
</table>

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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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