Pressure Windows

Features:
- Available in L, S, C, X, Ku, Ka, and W-Bands
- Low insertion loss
- High power handling
- Option to add gaskets
- Option for liquid cooling

CPI Beverly Microwave Division manufactures a variety of low loss pressure and vacuum windows in both standard and customized flange configurations.

<table>
<thead>
<tr>
<th>Specifications</th>
<th>L-Band</th>
<th>S-Band</th>
<th>C-Band</th>
<th>X-Band</th>
<th>Ku-Band</th>
<th>Ka-Band</th>
<th>W-Band</th>
</tr>
</thead>
<tbody>
<tr>
<td>Peak power handling</td>
<td>5 MW</td>
<td>3 MW</td>
<td>1 MW</td>
<td>500 KW</td>
<td>250 KW</td>
<td>100 KW</td>
<td>50 KW</td>
</tr>
<tr>
<td>Insertion loss</td>
<td>0.1 dB</td>
<td>0.1 dB</td>
<td>0.1 dB</td>
<td>0.1 dB</td>
<td>0.1 dB</td>
<td>0.15 dB</td>
<td>0.2 dB</td>
</tr>
<tr>
<td>VSWR</td>
<td>1.15:1</td>
<td>1.15:1</td>
<td>1.15:1</td>
<td>1.15:1</td>
<td>1.15:1</td>
<td>1.2:1</td>
<td>1.2:1</td>
</tr>
</tbody>
</table>

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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Material options:
- Glass
- Ceramic
- Quartz
- Teflon Fiberglass
- Beryllium Oxide