## Model: FR65

### Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flange</td>
<td>WR-6.5</td>
</tr>
<tr>
<td>Frequency (GHz)</td>
<td>110-170</td>
</tr>
<tr>
<td>Insertion Loss (dB, typ)</td>
<td>1.0</td>
</tr>
<tr>
<td>Insertion Loss (dB, max)</td>
<td>1.8</td>
</tr>
<tr>
<td>Isolation (dB, typ)</td>
<td>24</td>
</tr>
<tr>
<td>Isolation (dB, min)</td>
<td>18</td>
</tr>
<tr>
<td>Input Return Loss (dB, typ)</td>
<td>20</td>
</tr>
<tr>
<td>Output Return Loss (dB, typ)</td>
<td>20</td>
</tr>
<tr>
<td>VSWR (max)</td>
<td>1.4:1</td>
</tr>
<tr>
<td>Maximum Power (W)</td>
<td>0.9</td>
</tr>
<tr>
<td>Diamond Heatsink</td>
<td>Yes</td>
</tr>
</tbody>
</table>

Every isolator is tested on a vector network analyzer to ensure conformity.