### SPECIFICATIONS

<table>
<thead>
<tr>
<th>UNIT</th>
<th>CH #1 (W/G)</th>
<th>CH #2 (W/G)</th>
<th>CH #3 (COAX)</th>
</tr>
</thead>
<tbody>
<tr>
<td>FREQUENCY (GHz):</td>
<td>8.6-9</td>
<td>8.6-9</td>
<td>8.6-9</td>
</tr>
<tr>
<td>VSWR (max):</td>
<td>1.2</td>
<td>1.2</td>
<td>1.2</td>
</tr>
<tr>
<td>VSWR (Rec/360°):</td>
<td>.05</td>
<td>.05</td>
<td>.05</td>
</tr>
<tr>
<td>POWER (peak):</td>
<td>300 kW</td>
<td>300 kW</td>
<td>300 kW</td>
</tr>
<tr>
<td>POWER (avg):</td>
<td>500W</td>
<td>500W</td>
<td>500W</td>
</tr>
<tr>
<td>PRESSURE (psig):</td>
<td>20</td>
<td>20</td>
<td>20</td>
</tr>
<tr>
<td>LEAK RATE (cc/min, max):</td>
<td>10</td>
<td>10</td>
<td>10</td>
</tr>
<tr>
<td>TRANSMISSION LINE:</td>
<td>WR-90</td>
<td>WR-90</td>
<td>50 OHM</td>
</tr>
<tr>
<td>CONNECTOR:</td>
<td>UG 135/U &amp; UG 136/80 U</td>
<td>SMA/F</td>
<td></td>
</tr>
<tr>
<td>MATERIAL:</td>
<td>ALUMINUM</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### FINISH:
- TBD
- SURFACES INDICATED TO BE FREE OF PAINT

### MARKING:
- MARK "SUM" AND "DIFFERENCE" IN AREAS INDICATED USING TYPED GREY LABELS
- LABEL IN AREA INDICATED TO INCLUDE AS A MINIMUM: DIAMOND LOGO, P/N AND SERIAL NO.