**Mechanical Specifications**

1.1 Waveguide type: Flexible, Twistable Waveguide WR340

1.2 Flange type: CPRG, CPRF, COVER, CHoke available

1.3 Flange Holes:

1.4 Basis material: Aluminum, Brass, Alloyed Cuprum, Stainless

1.5 Outer material: Neoprene rubber jacketed

1.6 Internal Body Finish: Silver Plated chromate or conversion

1.7 External Body Finish: Body painted with grayblack epoxy enamel

1.8 External Body Finish: Body painted with grayblack epoxy enamel

**Environment specifications**

2.1 Operation Temp.: -54°C~+85°C

2.2 Storage Temp.: -60°C~+125°C

2.3 Altitude: 40000 ft

2.4 Vibration: 12.5g rms (15 degree 2KHz)

2.5 Humidity: 100% RH at 35c, 95%RH at 50 deg c

2.6 Shock: 20G for 11msc

**Electrical Specifications**

3.1 Frequency Range: 2.20 - 3.30GHz

3.2 Insertion Loss:

3.3 Power CW / Peak: 1500 Watts / 3.0M Watts

3.4 Max. VSWR: 1.20:1

**Table 4. FLEXIBLE WAVEGUIDE - STANDARD LENGTHS (mm)**

<table>
<thead>
<tr>
<th>Length</th>
<th>100</th>
<th>200</th>
<th>300</th>
<th>400</th>
<th>500</th>
<th>600</th>
<th>800</th>
<th>1000</th>
<th>1200</th>
<th>1500</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>B</td>
<td>C</td>
<td>D</td>
<td>E</td>
<td>F</td>
<td>G</td>
<td>H</td>
<td>I</td>
<td>J</td>
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</tr>
</tbody>
</table>

- Available unjacketed or with bonded silicone jacket
- Available unjacketed or in elastomer sleevng

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**RFWF340**

**Flexible Waveguide**

**Part Number:**

RF-Lambda  
Waveguide: Flexible Waveguide  
Waveguide Type Number:  
Flange Type: CG-CPRG, CF-CPRF, CO-COVER, CK-CHoke  
Material: AL-Aluminum, BS-Brass, AC-Alloyed Cuprum, SS-Stainless  
Plane Type: E-E-PLANE, H-H-PLANE  
Length: A-100mm, B-200mm (Refer Table 4)  

**www.rflambda.com**