Fixed-tuned PDR120 for elliptical waveguide 127

### Product Classification

**Product Type**
- Elliptical waveguide connector

### General Specifications

**Attachment Method**
- Tab-flare  |  Tool-flare

**Body Style**
- Straight, fixed-tuned

**Inner Contact Plating**
- Unplated

**Interface**
- PDR120

**Outer Contact Plating**
- Unplated

**Pressurizable**
- Yes

### Dimensions

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Width</td>
<td>57.404 mm</td>
</tr>
<tr>
<td>Length</td>
<td>72.39 mm</td>
</tr>
<tr>
<td>Transition Length</td>
<td>39.37 mm</td>
</tr>
<tr>
<td>Waveguide Size</td>
<td>WR75</td>
</tr>
</tbody>
</table>

### Electrical Specifications

**Insertion Loss, typical**
- 0.01 dB

**Operating Frequency Band**
- 11.7 – 13.25 GHz

**Peak Power at Frequency, maximum**
- 34.00 kW @ 12.70 GHz

### Material Specifications

**Material Type**
- Brass

### Environmental Specifications
Operating Temperature: -55 °C to +85 °C (-67 °F to +185 °F)
Storage Temperature: -55 °C to +85 °C (-67 °F to +185 °F)

Packaging and Weights

Weight, net: 0.7 kg | 1.543 lb

Regulatory Compliance/Certifications

Classification: Designed, manufactured and/or distributed under this quality management system

*Footnotes

Insertion Loss, typical: 0.05√freq (GHz) (not applicable for elliptical waveguide)