Fixed-tuned PBR140 for elliptical waveguide 132

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: PBR140

Outer Contact Plating: Unplated

Pressurizable: Yes

Dimensions

Width: 53.34 mm | 2.1 in

Length: 73.66 mm | 2.9 in

Transition Length: 39.116 mm | 1.54 in

Waveguide Size: WR62 | WG18 | R140

Electrical Specifications

Insertion Loss, typical: 0.01 dB

Operating Frequency Band: 14.0 – 15.35 GHz

Peak Power at Frequency, maximum: 22.80 kW @ 14.70 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

<table>
<thead>
<tr>
<th>Agency</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>ISO 9001:2015</td>
<td>Designed, manufactured and/or distributed under this quality management system</td>
</tr>
<tr>
<td>REACH-SVHC</td>
<td>Compliant as per SVHC revision on <a href="http://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a></td>
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<tr>
<td>ROHS</td>
<td>Compliant</td>
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</tbody>
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* Footnotes

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