6 Watts Low Power Commercial Grade WR-137 Waveguide Load 5.85 GHz to 8.2 GHz, Brass

Waveguide Terminations Technical Data Sheet

PEWTR1011A

Features
- WR-137
- 5.85 GHz to 8.2 GHz
- CPR-137G Flange

Applications
- Radar Systems
- Military and Space
- Wireless Radio Systems
- Telecom Infrastructure
- Communication Systems
- R&D Labs
- Microwave Radio Systems

Description
The PEWTR1011A is a WR-137 waveguide termination / load that operates in the frequency range of 5.85 GHz to 8.2 GHz. This WR-137 waveguide termination has a typical VSWR of 1.02:1. These waveguide termination designs are made of painted brass copper and incorporate a standard CPR-137G flanges.

Pasternack waveguide terminations / loads are designed so virtually all applied power is absorbed, thus assuring a low VSWR. The power rating on this WR-137 termination is 6 watts, other detailed specifications and a diagram drawing can be found on this datasheet PDF below. Pasternack offers a complete family of waveguide terminations that are in-stock for same day shipment.

Electrical Specifications

<table>
<thead>
<tr>
<th>Description</th>
<th>Minimum</th>
<th>Typical</th>
<th>Maximum</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frequency Range</td>
<td>5.85</td>
<td>8.2</td>
<td></td>
<td>GHz</td>
</tr>
<tr>
<td>VSWR</td>
<td>1.02:1</td>
<td></td>
<td></td>
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<tr>
<td>Input Power (CW)</td>
<td>6</td>
<td></td>
<td></td>
<td>Watts</td>
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</table>

Mechanical Specifications

<table>
<thead>
<tr>
<th>Description</th>
<th>Flange</th>
<th>Waveguide</th>
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</thead>
<tbody>
<tr>
<td>Designation</td>
<td>None</td>
<td>WR-137</td>
</tr>
<tr>
<td>Type</td>
<td>CPR-137G</td>
<td>Brass</td>
</tr>
<tr>
<td>Material</td>
<td>Brass</td>
<td>Brass</td>
</tr>
</tbody>
</table>

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: 6 Watts Low Power Commercial Grade WR-137 Waveguide Load 5.85 GHz to 8.2 GHz, Brass PEWTR1011A

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Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

Typical Performance Data

VSWR

6 Watts Low Power Commercial Grade WR-137 Waveguide Load 5.85 GHz to 8.2 GHz, Brass from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

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