GPS Passive Dual Band Antenna Operates From 1.22 GHz to 1.58 GHz With a Nominal 6 dBi Gain N Female Input Connector

### Configuration
- **Design**: GPS Passive
- **Frequency Range**: 1.22 to 1.58 GHz
- **Polarization**: RHCP
- **Interface 1**: N Female

### 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>Impedance</td>
<td>50</td>
<td></td>
<td></td>
<td>Ohms</td>
</tr>
<tr>
<td>Gain</td>
<td>6</td>
<td></td>
<td></td>
<td>dBi</td>
</tr>
<tr>
<td>Vertical Half Power Beam Width</td>
<td>360</td>
<td></td>
<td></td>
<td>Degrees</td>
</tr>
</tbody>
</table>

### Specifications by Band

<table>
<thead>
<tr>
<th>Description</th>
<th>Band 1</th>
<th>Band 2</th>
<th>Band 3</th>
<th>Band 4</th>
<th>Band 5</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Range</td>
<td>1.22 to 1.23</td>
<td>1.53 to 1.58</td>
<td></td>
<td></td>
<td></td>
<td>GHz</td>
</tr>
</tbody>
</table>

### Mechanical Specifications
- **Size**
  - Width: 5.48 in [139.19 mm]
  - Height: 7.02 in [178.31 mm]
  - Weight: 2.552 lbs [1.16 Kg]

### Environmental Specifications
- **Temperature**
  - Operating Range: -40 to +85 deg C
  - Storage Range: -50 to +90 deg C

### Compliance Certifications
(see product page for current document)

### Plotted and Other Data
- **2 Dimensional OML Drawing**: PE51068
- **Notes**: PE51068
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Antennas Technical Data Sheet

GPS Passive Dual Band Antenna Operates From 1.22 GHz to 1.58 GHz With a Nominal 6 dBi Gain N Female Input Connector 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.

Click the following link (or enter part number in “SEARCH” on website) to obtain additional part information including price, inventory and certifications: GPS Passive Dual Band Antenna Operates From 1.22 GHz to 1.58 GHz With a Nominal 6 dBi Gain N Female Input Connector PE51068


The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Pasternack reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Pasternack does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack does not assume any liability arising out of the use of any part or documentation.
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Notes:
1. Unless otherwise specified all dimensions are nominal.
2. All specifications are subject to change without notice at any time.
3. Dimensions are in inches [mm].