Fixed Antenna Operates From 2.4 GHz to 2.5 GHz With a Nominal 11 dBi Gain N Female Input Connector Rated

**Electrical Specifications***

<table>
<thead>
<tr>
<th>Description</th>
<th>Min</th>
<th>Typ</th>
<th>Max</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frequency</td>
<td>2.4</td>
<td>2.5</td>
<td>GHz</td>
<td></td>
</tr>
<tr>
<td>Impedance</td>
<td>50</td>
<td></td>
<td></td>
<td>Ohms</td>
</tr>
<tr>
<td>Nominal Gain</td>
<td>11</td>
<td></td>
<td></td>
<td>dBi</td>
</tr>
<tr>
<td>Gain Variation</td>
<td>1</td>
<td></td>
<td></td>
<td>dBi</td>
</tr>
<tr>
<td>Horizontal 3dB Beam Width</td>
<td>360</td>
<td></td>
<td></td>
<td>Degrees</td>
</tr>
<tr>
<td>Vertical 3dB Beam Width</td>
<td>9</td>
<td></td>
<td></td>
<td>Degrees</td>
</tr>
<tr>
<td>Input Power</td>
<td>150</td>
<td></td>
<td></td>
<td>Watts</td>
</tr>
<tr>
<td>Input VSWR</td>
<td>1.5:1</td>
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</table>

* Values at 25°C, sea level

**Mechanical Specifications**

- **Size**
  - Length: 40.5 in [102.87 cm]
  - Weight: 6.6 lbs [2.99 Kg]

**Environmental Specifications**

- **Temperature**
  - Operating Range: -40 to +60 deg C
  - Wind Loading: 150 MPH [241.4 KPH]
  - Humidity: 5% - 95%

**Compliance Certifications** (visit www.FairviewMicrowave.com for current document)

- RoHS Compliant: Yes
- REACH Compliant: Yes

**Plotted and Other Data**

- **Notes:**
  - Values at 25 °C, sea level
  - Lightning Protection added by direct grounding.
Fixed Antenna Operates From 2.4 GHz to 2.5 GHz With a Nominal 11 dBi Gain N Female Input Connector Rated from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Allen, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: Fixed Antenna Operates From 2.4 GHz to 2.5 GHz With a Nominal 11 dBi Gain N Female Input Connector Rated SANT-2013


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. Fairview Microwave reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Fairview Microwave does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Fairview Microwave does not assume any liability arising out of the use of any part or documentation.
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With a Nominal 11 dBi Gain N Female Input Connector Rated

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].

FAIRVIEW MICROWAVE INC.
ALLEN, TX 75013 WWW.FAIRVIEWMICROWAVE.COM

<table>
<thead>
<tr>
<th>TITLE</th>
<th>DWG NO</th>
<th>CAGE CODE</th>
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<td>3FKR5</td>
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