



Panel Antenna Operates From 2.4 GHz to 2.5 GHz With
a Nominal 19 dBi Gain SMA Female Input Connector

TECHNICAL DATA SHEET

PE51049

Panel Antenna Operates From 2.4 GHz to 2.5 GHz With a Nominal 19 dBi Gain SMA Female Input Connector

Configuration

| | |
|----------------------|------------------------|
| Design | Panel |
| Frequency Range, GHz | 2.4 to 2.5 |
| Polarization | Vertical or Horizontal |
| Interface 1 | SMA Female |

Electrical Specifications

| | |
|----------------------------|-------|
| Impedance, Ohms | 50 |
| Nominal Gain, dBi | 19 |
| Maximum Input Power, Watts | 6 |
| Maximum Input VSWR | 1.7:1 |

Mechanical Specifications

| | |
|------------------------|------------|
| Temperature | |
| Operating Range, deg C | -40 to +60 |

Size

| | |
|-------------------------|---------------|
| Length, in [mm] | 14.6 [370.84] |
| Width, in [mm] | 14.6 [370.84] |
| Height, in [mm] | 1.57 [39.88] |
| Weight, lbs [Kg] | 4.4 [2] |
| Wind Loading, MPH [KPH] | 130 [209.21] |

Compliance Certifications (visit www.Pasternack.com for current document)

Plotted and Other Data

| | |
|---------------------------|----------------------------|
| 2 Dimensional OML Drawing | PE51049 |
| Notes: | Values at 25 °C, sea level |

Panel Antenna Operates From 2.4 GHz to 2.5 GHz With a Nominal 19 dBi Gain SMA Female Input Connector from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and fiber optic products maintain a 99% availability and are part of the broadest selection in the industry.

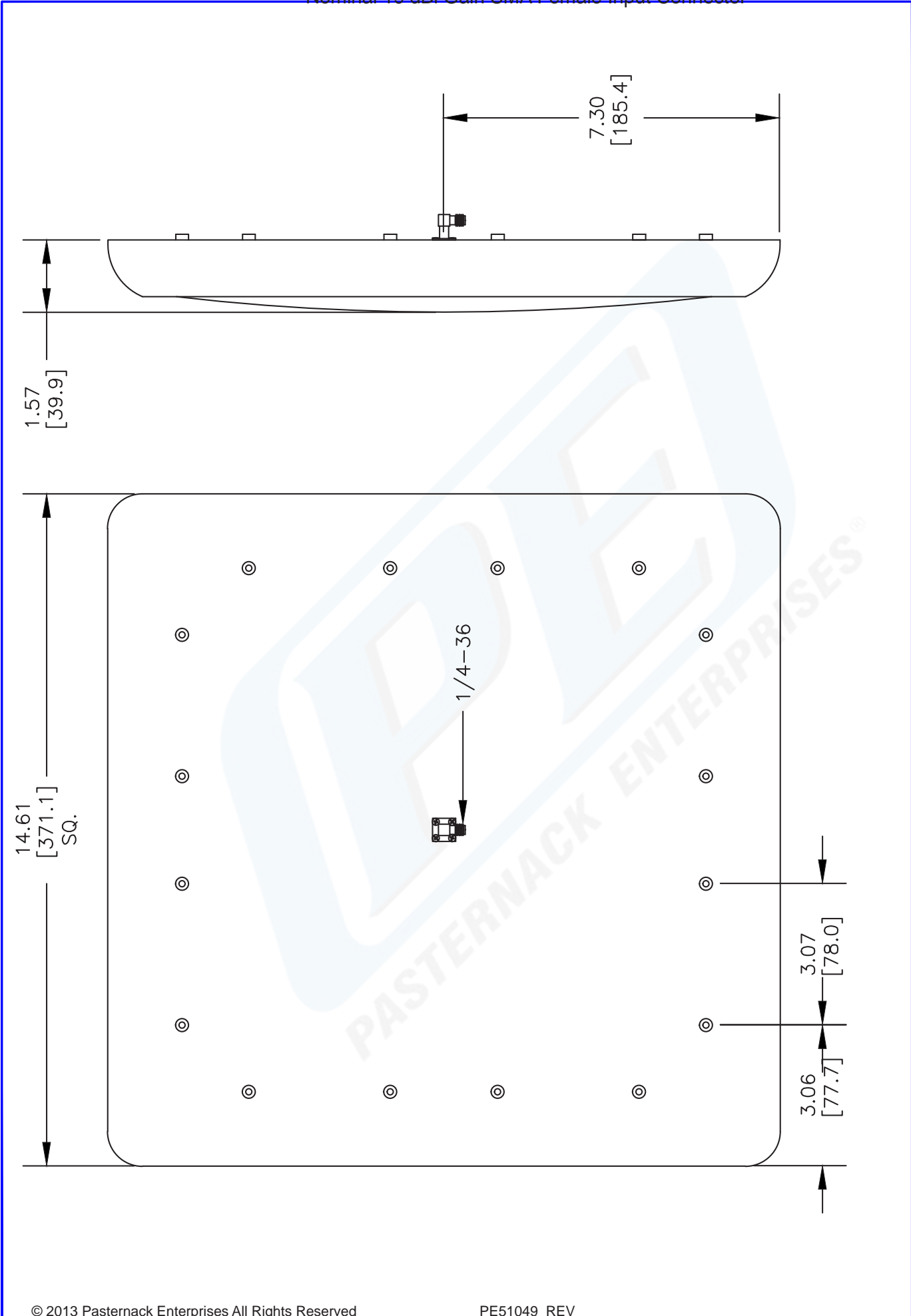
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Panel Antenna Operates From 2.4 GHz to 2.5 GHz With a Nominal 19 dBi Gain SMA Female Input Connector PE51049](http://www.pasternack.com/panel-antenna-371mm-sq-x-40mm-sma-female-19-dbi-pe51049-p.aspx)

URL: <http://www.pasternack.com/panel-antenna-371mm-sq-x-40mm-sma-female-19-dbi-pe51049-p.aspx>

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.

PE51049 CAD Drawing

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| | | | |
|--|---------------------------|--|------------------|
| DWG TITLE PE51049 | | 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]. | |
| FSCM NO. 53919 | CAD FILE 031213 | SCALE N/A | SIZE A |
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