



Fixed Antenna Operates From 2.4 GHz to 2.5 GHz With a Typical 8 dBi Gain N Female Input Connector IP67 Rated

## TECHNICAL DATA SHEET

PE51172

### Configuration

Design	Fixed
Frequency Range	2.4 to 2.5 GHz
Polarization	Vertical
Interface 1	N Female

### Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Impedance		50		Ohms
Typical Gain		8		dBi
Horizontal Half Power Beam Width		360		Degrees
Vertical Half Power Beam Width		14		Degrees
Input Power			20	Watts
Input VSWR			2.1:1	

### Mechanical Specifications

Radome Material	Fiberglass
<b>Size</b>	
Length	20.78 in [527.81 mm]
Width	1 in [25.4 mm]
Weight	0.48 lbs [217.72 g]

### Environmental Specifications

Environment	IP67
Wind Loading	150 MPH [241.4 KPH]

**Compliance Certifications** (see [product page](#) for current document)

### Plotted and Other Data

Notes:

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Fixed Antenna Operates From 2.4 GHz to 2.5 GHz With a Typical 8 dBi Gain N Female Input Connector IP67 Rated PE51172](#)

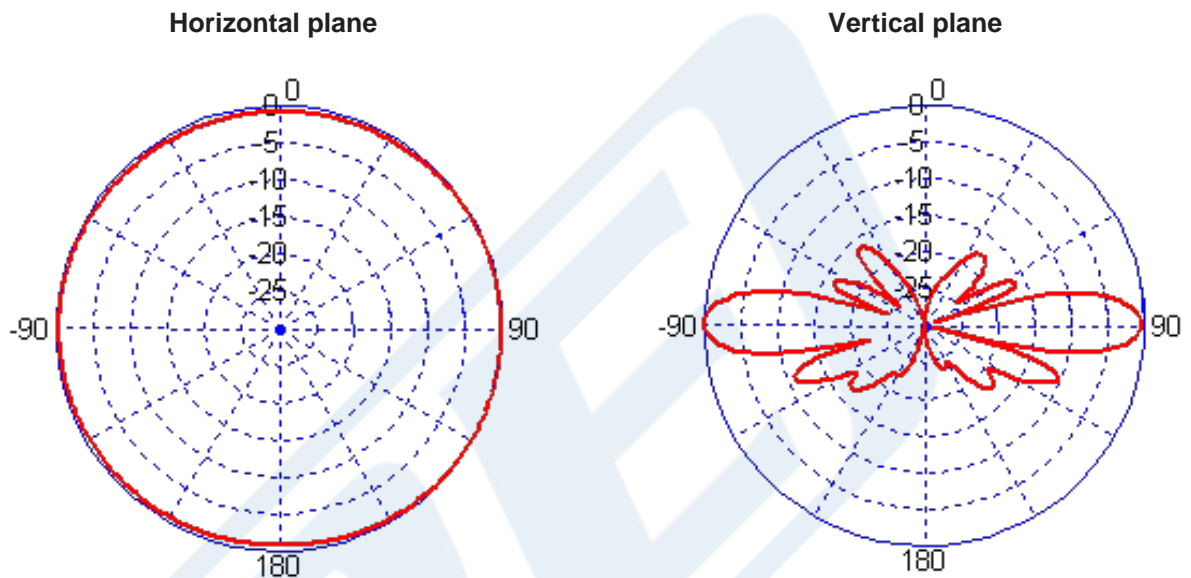


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Typical Radiation Pattern



Fixed Antenna Operates From 2.4 GHz to 2.5 GHz With a Typical 8 dBi Gain N Female Input Connector IP67 Rated 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.

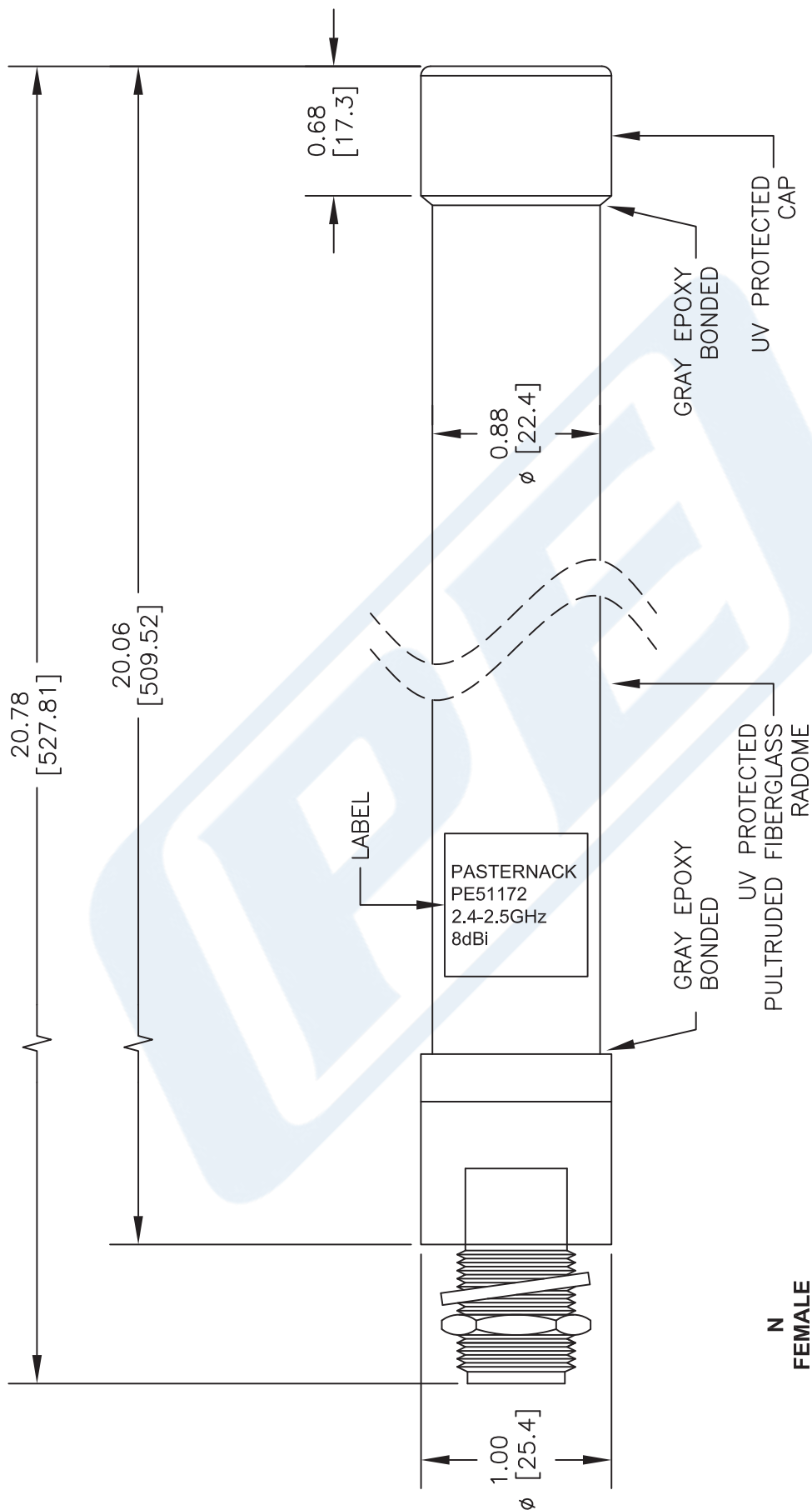
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Fixed Antenna Operates From 2.4 GHz to 2.5 GHz With a Typical 8 dBi Gain N Female Input Connector IP67 Rated PE51172](https://www.pasternack.com/single-antenna-2.4-2.5-ghz-8-dbi-gain-n-pe51172-p.aspx)

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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.

# PE51172 CAD Drawing

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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).

DWG TITLE  
**PE51172**

FSCM NO. 53919

CAD FILE 122315

SCALE N/A

SIZE A

150



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