



Portable Antenna Operates From 2.2 GHz to 2.5 GHz
With a Nominal 6 dBi Gain N Male Input Connector

Antennas Technical Data Sheet

PE51123

Configuration

Design	Portable
Band Type	Single
Radiation Pattern	Omni Directional
Polarization	Vertical
Connector Type	N Male

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	2,200		2,500	MHz
Input VSWR			2:1	
Impedance		50		Ohms
Gain	6			dBi
Horizontal (Azimuth) Beam Width		30		Degrees
Vertical (Elevation) Beam Width		Omnidirectional		
Input Power			50	Watts

Mechanical Specifications

Radome Material	Fiberglass
Size	
Overall Length	18 in [457.2 mm]
Width	0.812 in [20.62 mm]
Weight	0.791 lbs [358.79 g]

Environmental Specifications

Wind Loading	62 MPH [99.78 KPH]
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Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

2 Dimensional OML Drawing	PE51123
Notes:	

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Portable Antenna Operates From 2.2 GHz to 2.5 GHz With a Nominal 6 dBi Gain N Male Input Connector PE51123](#)



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Portable Antenna Operates From 2.2 GHz to 2.5 GHz With a Nominal 6 dBi Gain N Male 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.

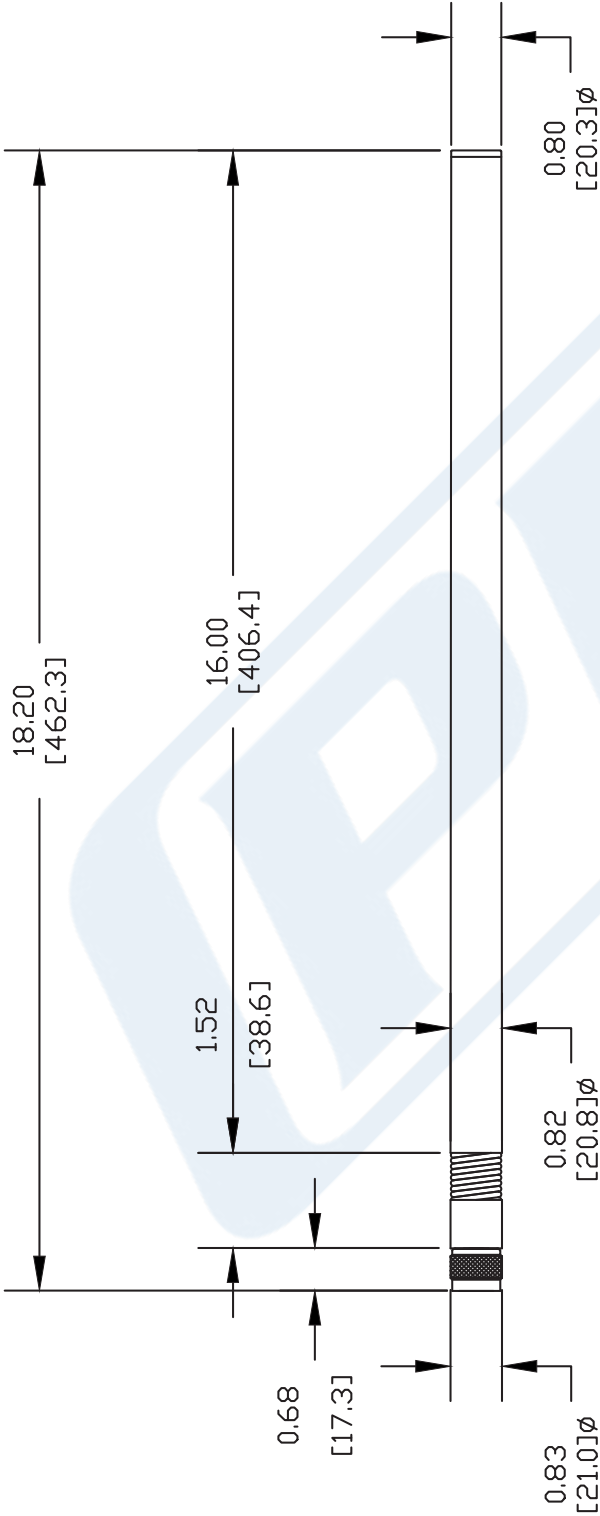
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Portable Antenna Operates From 2.2 GHz to 2.5 GHz With a Nominal 6 dBi Gain N Male Input Connector PE51123](https://www.pasternack.com/high-performance-broadband-colinear-vertical-antenna-6-dbi-pe51123-p.aspx)

URL: <https://www.pasternack.com/high-performance-broadband-colinear-vertical-antenna-6-dbi-pe51123-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. 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.

PE51123 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		FSCM NO. 53919		CAD FILE 032113		SCALE N/A		SIZE A		XXX	
PE51123											

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