



## Paddle Portable Dual Band Band Antenna Operates From With a Maximum 6 dBi Gain SMA Female Input Connector

### TECHNICAL DATA SHEET

PE51142

#### Configuration

Design	Paddle Portable
Gain	3.5 to 6 dB
Interface 1	SMA Female Reverse Polarity
Number of Output Ports	1

#### Electrical Specifications (Values at 25°C, sea level)

Description	Minimum	Typical	Maximum	Units
Impedance		50		Ohms
Input VSWR			2:1	

#### Specifications by Band

Description	Band 1	Band 2	Band 3	Band 4	Band 5	Units
Range	2.4 to 2.5	5 to 5.9				GHz
Gain	3.5	6				dB

#### Mechanical Specifications

<b>Temperature</b>	
Operating Range	-10 to +55 deg C
<b>Size</b>	
Length	4.9 in [124.46 mm]
Width	0.9 in [22.86 mm]
Height	0.5 in [12.7 mm]
Weight	0.04 lbs [18.14 g]

#### Compliance Certifications (visit [www.Pasternack.com](http://www.Pasternack.com) for current document)

RoHS Compliant

#### Plotted and Other Data

Notes:

- Values at 25 °C, sea level

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Paddle Portable Dual Band Band Antenna Operates From With a Maximum 6 dBi Gain SMA Female Input Connector PE51142](#)

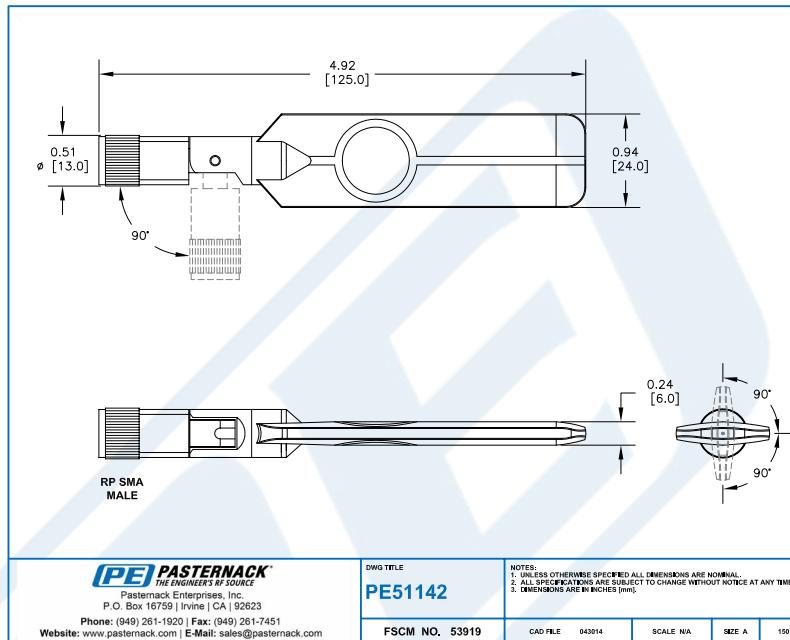


Paddle Portable Dual Band Band Antenna Operates From 144-146 MHz and 430-440 MHz With a Maximum 6 dBi Gain SMA Female Input Connector

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## Outline Drawing



Paddle Portable Dual Band Band Antenna Operates From With a Maximum 6 dBi Gain SMA 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% availability and are part of the broadest selection in the industry.

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URL:

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.

