



GPS Passive Antenna Operates From 1.5724 GHz to 1.5784 GHz With a Typical 3 dBi Gain SMA Male Input Connector on 16 ft. of RG174 Rated

## Antennas Technical Data Sheet

PE51066-2

### Configuration

Design	GPS Passive
Band Type	Single
Radiation Pattern	Omni Directional
Polarization	RHCP
Cable Length	192 in [487.68 cm]
Connector Type	SMA Male
Number of Ports	1

### Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	1,572.42		1,578.42	MHz
Input VSWR			1.5:1	
Impedance		50		Ohms
Gain	3			dBi

### Mechanical Specifications

Radome Material	Plastic
<b>Size</b>	
Overall Length	1.694 in [43.03 mm]
Width	1.3 in [33.02 mm]
Height	0.552 in [14.02 mm]
Weight	0.26 lbs [117.93 g]

### Environmental Specifications

<b>Temperature</b>	
Operating Range	-40 to +85 deg C

### 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: [GPS Passive Antenna Operates From 1.5724 GHz to 1.5784 GHz With a Typical 3 dBi Gain SMA Male Input Connector on 16 ft. of RG174 Rated PE51066-2](#)



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GPS Passive Antenna Operates From 1.5724 GHz to 1.5784 GHz With a Typical 3 dBi Gain SMA Male Input Connector on 16 ft. of RG174 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.

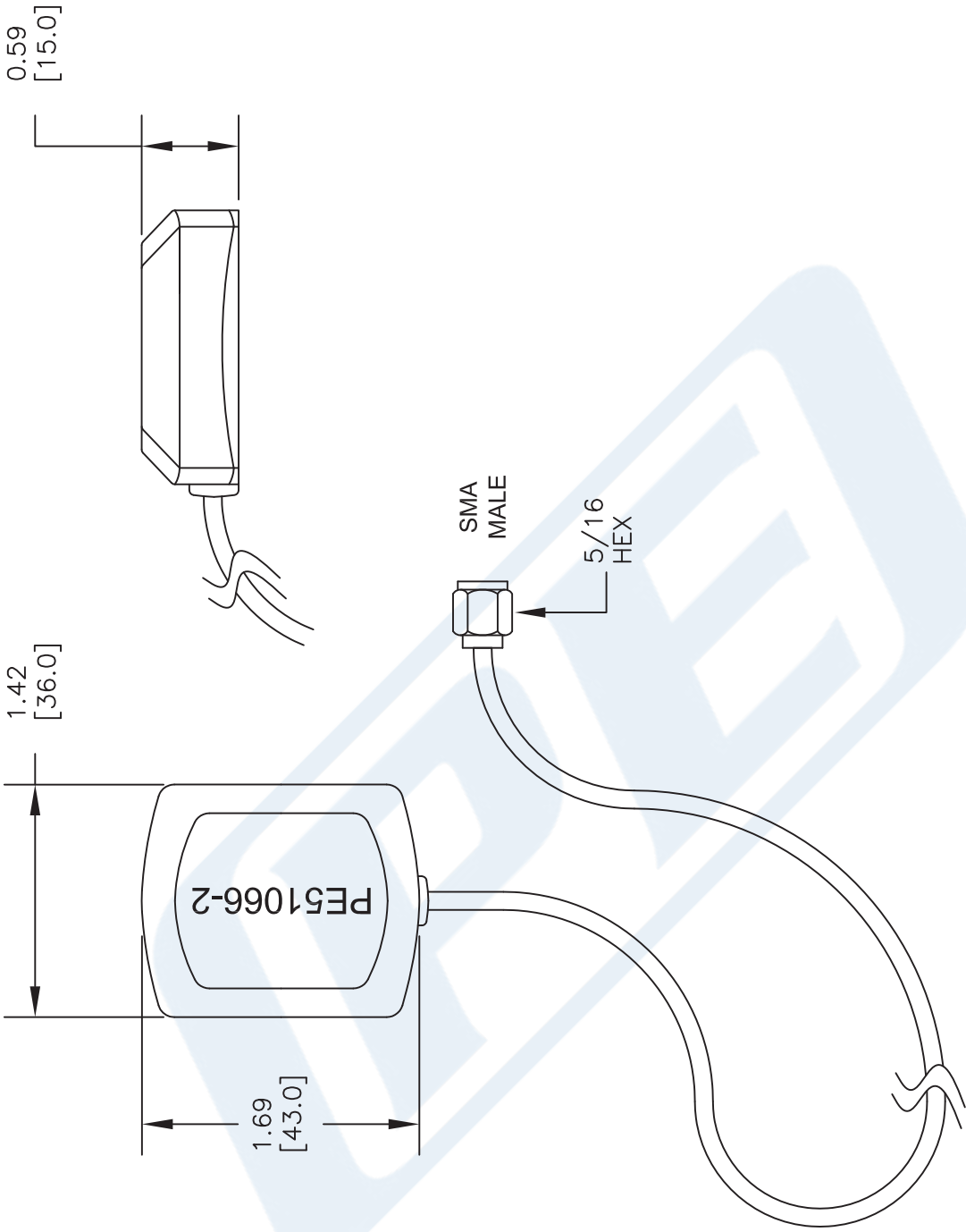
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [GPS Passive Antenna Operates From 1.5724 GHz to 1.5784 GHz With a Typical 3 dBi Gain SMA Male Input Connector on 16 ft. of RG174 Rated PE51066-2](https://www.pasternack.com/single-antenna-1.5724-1.5784-ghz-3-dbi-gain-sma-pe51066-2-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.

PE51066-2 CAD Drawing

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STANDARD TOLERANCES	
.X	±0.2
.XX	±0.1
.XXX	±0.05

\*STANDARD TOLERANCES APPLY  
ONLY TO DIMENSIONS IN INCHES

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		CAGE CODE		CAD FILE		SCALE		SIZE		2233	
PE51066-2		53919		101916		N/A		A			



THE ENGINEER'S RF SOURCE

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