



GPS Passive Antenna Operates From
1.57 GHz to 1.58 GHz With a Nominal 3 dBi Gain
SMA Male Input Connector on 16 ft. of RG174

TECHNICAL DATA SHEET

PE51066

Configuration

Design	GPS Passive
Frequency Range	1.57 to 1.58 GHz
Polarization	RHCP
Cable Type	RG174
Cable Length	192 in [487.68 cm]
Interface 1	SMA Male

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

Description	Minimum	Typical	Maximum	Units
Impedance		50		Ohms
Input VSWR			1.5:1	

Mechanical Specifications

Radome Material	Plastic
Size	
Length	1.694 in [43.03 mm]
Width	1.3 in [33.02 mm]
Height	0.552 in [14.02 mm]

Environmental Specifications

Temperature

Operating Range	-40 to +85 deg C
-----------------	------------------

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

RoHS Compliant	
REACH Compliant	12/19/2011

Plotted and Other Data

2 Dimensional OML Drawing	PE51066
---------------------------	---------

Notes:

- Values at 25 °C, sea level
- 100% Weatherproof @ 1 M Deep Water for 12 Hours

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 1.57 GHz to 1.58 GHz With a Nominal 3 dBi Gain SMA Male Input Connector on 16 ft. of RG174 PE51066](#)

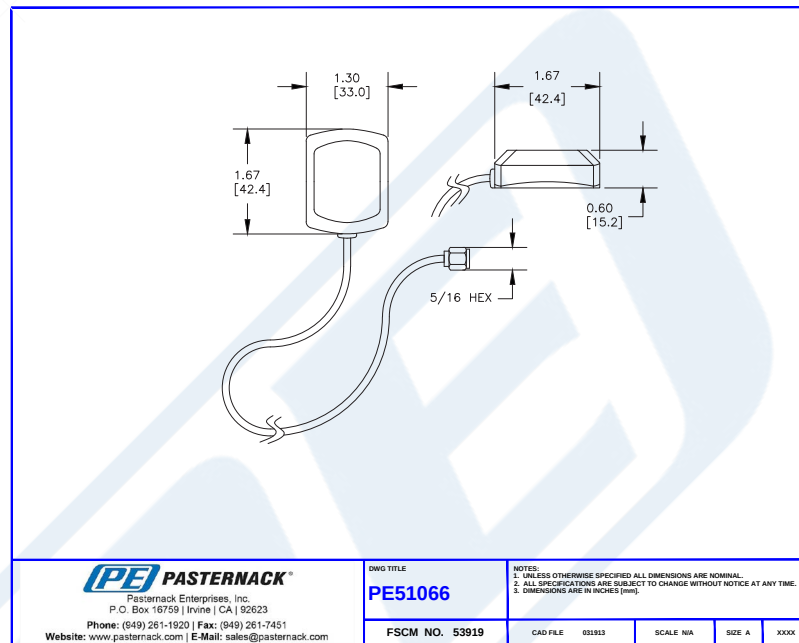


GPS Passive Antenna Operates From
1.57 GHz to 1.58 GHz With a Nominal 3 dBi Gain
SMA Male Input Connector on 16 ft. of RG174

TECHNICAL DATA SHEET

PE51066

Outline Drawing



GPS Passive Antenna Operates From 1.57 GHz to 1.58 GHz With a Nominal 3 dBi Gain SMA Male Input Connector on 16 ft. of RG174 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.

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 1.57 GHz to 1.58 GHz With a Nominal 3 dBi Gain SMA Male Input Connector on 16 ft. of RG174 PE51066](http://www.pasternack.com/gps-passive-antenna-rg17416-foot-43x33x14mm-sma-female-mhz-3-db-pe51066-p.aspx)

URL: <http://www.pasternack.com/gps-passive-antenna-rg17416-foot-43x33x14mm-sma-female-mhz-3-db-pe51066-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.