



GPS Passive Dual Band Antenna Operates From 1.22 GHz to 1.58 GHz With a Nominal 6 dBic Gain N Female Input Connector

Antennas Technical Data Sheet

PE51068

Configuration

Design	GPS Passive
Band Type	Dual
Radiation Pattern	Omni Directional
Polarization	RHCP
Connector Type	N Female

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	1,220		1,580	MHz
Impedance		50		Ohms
Gain	6			dBic
Vertical (Elevation) Beam Width		Omnidirectional		

Specifications by Band

Description	Band 1	Band 2	Band 3	Band 4	Band 5	Units
Range	1.22 to 1.23	1.53 to 1.58				GHz

Mechanical Specifications

Width	5.48 in [139.19 mm]
Height	7.02 in [178.31 mm]
Weight	2.552 lbs [1.16 kg]

Environmental Specifications

Temperature

Operating Range	-40 to +85 deg C
Storage Range	-50 to +90 deg C

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

Plotted and Other Data

2 Dimensional OML Drawing	PE51068
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 Dual Band Antenna Operates From 1.22 GHz to 1.58 GHz With a Nominal 6 dBic Gain N Female Input Connector PE51068](#)



GPS Passive Dual Band Antenna Operates From 1.22 GHz to 1.58 GHz With a Nominal 6 dBic Gain N Female Input Connector

Antennas Technical Data Sheet

PE51068

GPS Passive Dual Band Antenna Operates From 1.22 GHz to 1.58 GHz With a Nominal 6 dBic Gain N Female Input Connector from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

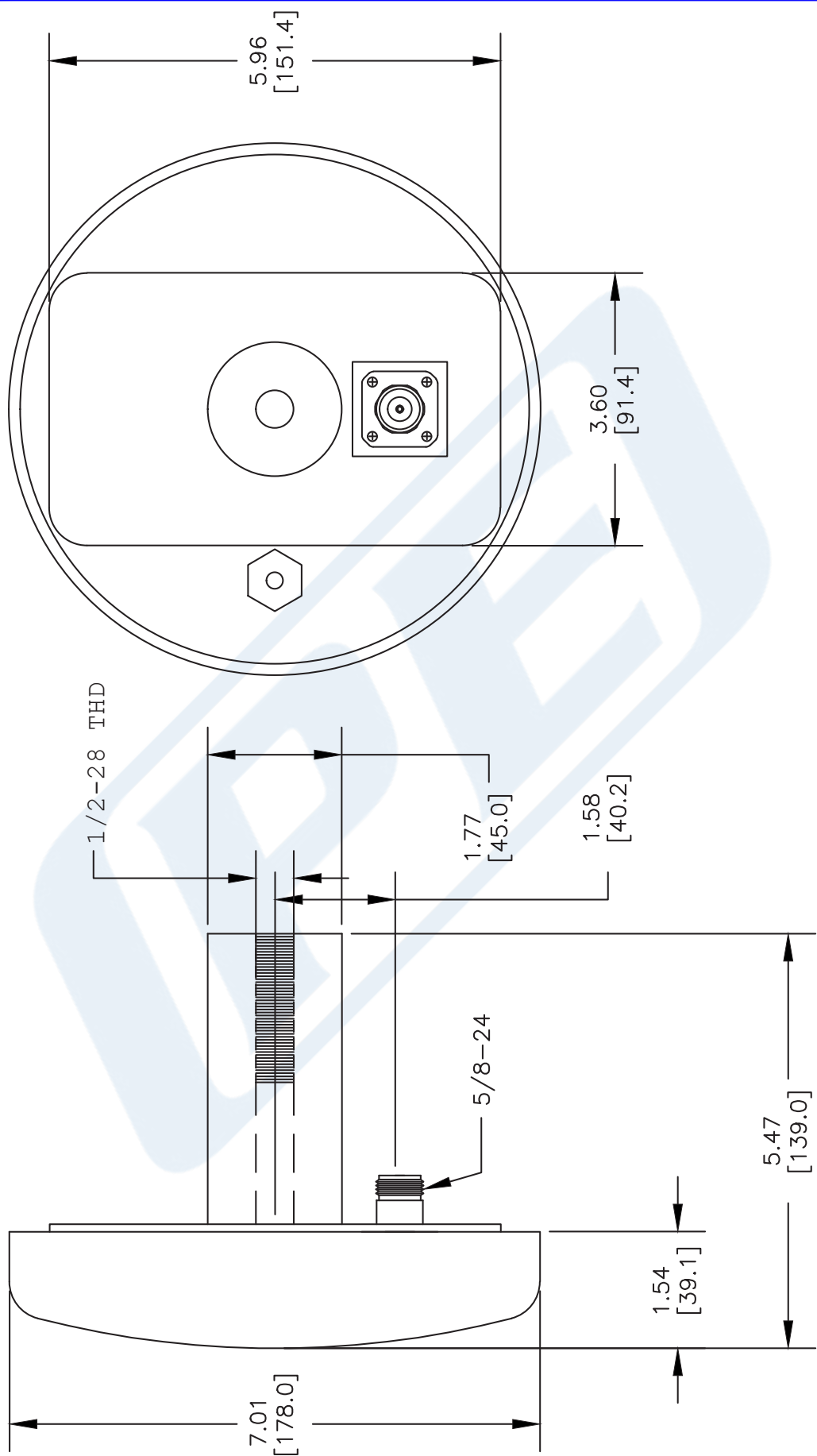
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [GPS Passive Dual Band Antenna Operates From 1.22 GHz to 1.58 GHz With a Nominal 6 dBic Gain N Female Input Connector PE51068](https://www.pasternack.com/dual-band-antenna-high-performance-l1-l2-gpsn-female-6-dbic-pe51068-p.aspx)

URL: <https://www.pasternack.com/dual-band-antenna-high-performance-l1-l2-gpsn-female-6-dbic-pe51068-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.

PE51068 CAD Drawing

GPS Passive Dual Band Antenna Operates From 1.22 GHz to 1.58 GHz
With a Nominal 6 dBic Gain N Female Input Connector



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 041113		SCALE N/A		SIZE A		XXX	
PE51068											



PASTERNAK®
Pasternack Enterprises, Inc.
P.O. Box 16759 | Irvine | CA | 92623
Phone: (949) 261-1920 | Fax: (949) 261-7451
Website: www.pasternack.com | E-Mail: sales@pasternack.com