PASTERNACK
an INFINITE brand

3 dBi Rubber Duck Portable Antenna 2400-2500/4900-7125 MHz RP SMA Connector



Antennas Technical Data Sheet PE51RD1026

Features

- Tilt and Swivel Design
- 2.4 GHz, 5 GHz, 6 GHz and 7 GHz Bands
- Reverse Polarity SMA (RP-SMA) Male Connector
- 2.5 to 3.5 dBi Gain

Applications

- Infotainment Systems, Routers, WiFi Hotspots, HD Video Transmission, Gateways, Dash Cameras, Public Transportation
- WiFi 6e (802.11ax) Networks
- Connected Cars or Self-Driving Cars, Fleet Management, Logistics
- IoT, Cellular, Zigbee, Z-Wave, Bluetooth

Description

The PE51RD1026 Pasternack WiFi 6e Rubber Duck Antenna is a high performance, compact designed for 2.4, 5, 6 and 7 GHz bands. This tilt and swivel rubber duck antenna is available to ship the same day. It features a Reverse Polarity SMA (RP-SMA) Male Connector. The PE51RD1026 can be used on all consumer radios that have Reverse Polarity SMA connections. This Pasternack rubber duck antenna with RP-SMA connector is suitable for WiFi Hotspots (IEEE 802.11ax/ac/n/b/g) as well as Bluetooth, IoT, and Zigbee.

The Pasternack high performance PE51RD1026 has 3 dBi of gain and broad coverage. This WiFi 6e 2400 to 7125 MHz rubber duck antenna is in stock and available to ship the same day. Contact our knowledgeable sales and technical support teams for your answers on any Pasternack products.

Configuration

Design	Portable
Band Type	Single
Radiation Pattern	Omni Directional
Wavelength	1/2
Polarization	Vertical
Connector Type	SMA Male Reverse Polarity

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	2.4		7.125	GHz
Input VSWR		1.4:1	1.7:1	
Impedance		50		Ohms
Gain	2.6	3		dBi

Mechanical Specifications

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: 3 dBi Rubber Duck Portable Antenna 2400-2500/4900-7125 MHz RP SMA Connector PE51RD1026

Pasternack Enterprises, Inc. • P.O. Box 16759, Irvine, CA 92623
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3 dBi Rubber Duck Portable Antenna 2400-2500/4900-7125 MHz RP SMA 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: 3 dBi Rubber Duck Portable Antenna 2400-2500/4900-7125 MHz RP SMA Connector PE51RD1026

URL: https://www.pasternack.com/single-antenna-2.4-7.125-ghz-3-dbi-gain-sma-pe51rd1026-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.

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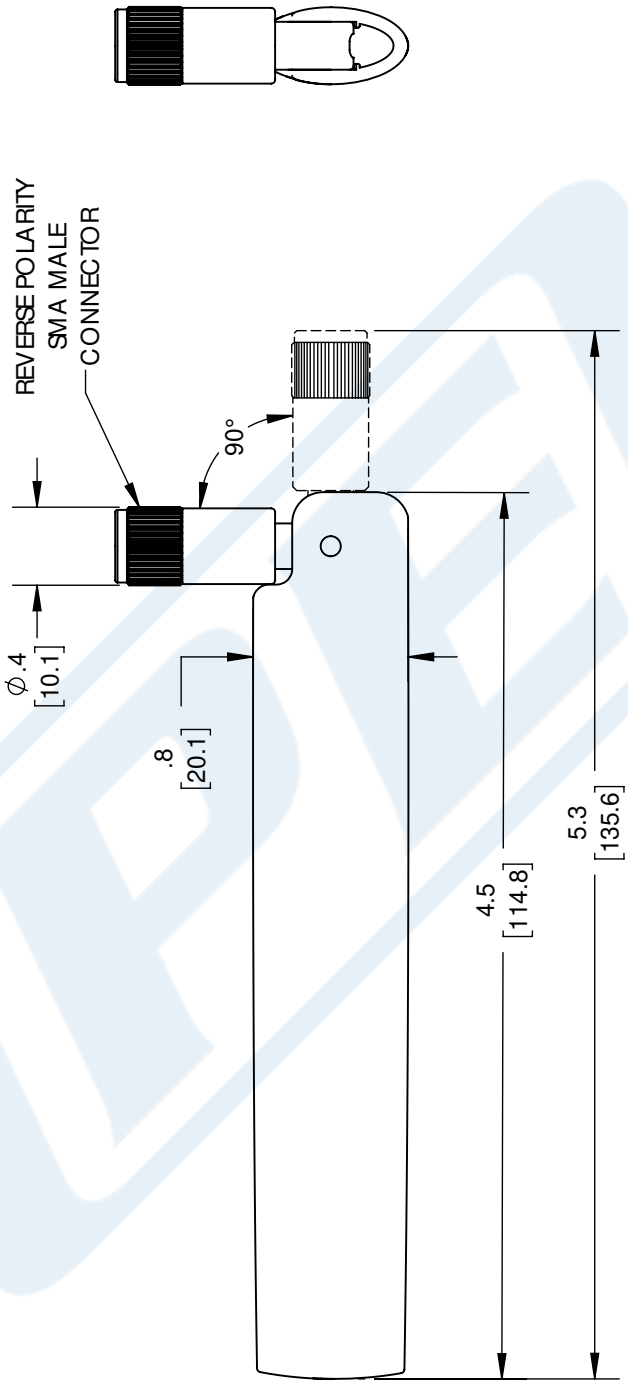
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PE51RD1026 CAD Drawing

3 dBi Rubber Duck Portable Antenna 2400-2500/4900-7125 MHz RP SMA Connector

REVISIONS

REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	10/08/2020	KHIETPAS



UNLESS OTHERWISE SPECIFIED
LEADING DIMENSIONS ARE INCHES
DIMENSIONS IN [ ] ARE MILLIMETERS

TOLERANCES:

.X = ± .2 [5.08] | FRACTIONS ± 1/32
.XX = ± .02 [.51] | ANGLES ± 1°
.XXX = ± .005 [.13]

CABLE LENGTH (L) TOLERANCES:

L ≤ 12 [305] = +1 [25] / -0
12 [305] < L ≤ 60 [1524] = +2 [51] / -0
60 [1524] < L ≤ 120 [3048] = +4 [102] / -0
120 [3048] < L ≤ 300 [7620] = +6 [152] / -0
300 [7620] < L = +5%L / -0

ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.

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THIRD-ANGLE PROJECTION

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SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	53919	BPUCHASKI	PE51RD1026	A

SHEET 1 OF 1

SCALE N/A

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