

136-174 MHz Rubber Duck Antenna, 2.15 dBi gain, SMA Male Connector, Vertical Polarization

Antennas Technical Data Sheet

PEANRBD1025

Features

- 136 MHz to 174 MHz, 2.15 dBi Gain
- SMA-Male connector
- Heliflex whip antenna
- Plug and play

- 50W power handling
- VSWR < 1.5:1
- Vertical polarization
- Black

Applications

- PtP or PtMP applications
- Trunking for two-way radio comms
- VHF applications
- Public Safety / Emergency services

- Marine / Rail road communications
- P-25 applications exclusively supported
- Land mobile radio (LMR)
- Fixed and mobile services

Description

Vertical polarized antenna PEANRBD1025 from Pasternack is part of our extensive in-stock omni directional antennas that ship the same day from our ISO 9001:2015 certified facility. The antenna with 136 to 174 MHz frequency range has a maximum input VSWR of 1.5:1. This omni directional antenna has SMA male connector.

This antenna has a black radome made of TPE, an overall length of 7.07 in, width of 0.50 in, and weighs 0.022 lbs. Pasternack's PEANRBD1025 is a single band antenna operating from 136 to 174 MHz with 2.15 dBi gain.

Pasternack's experts are on hand to assist you with any inquiries. Order this PEANRBD1025 antenna 7 days a week, 24 hours a day using our on-line ordering system with no MOQs (minimum order quantity) and same-day shipping.

Configuration

Design
Band Type
Radiation Pattern
Polarization
Connector Type

Rubber Duck
Single
Omni Directional
Vertical
SMA Male

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	400		520	MHz
Input VSWR			1.5:1	
Impedance	50			Ohms
Gain	2.15			dBi
Input Power			50	Watts

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [136-174 MHz Rubber Duck Antenna, 2.15 dBi gain, SMA Male Connector, Vertical Polarization PEANRBD1025](#)

136-174 MHz Rubber Duck Antenna, 2.15 dBi gain, SMA Male Connector, Vertical Polarization

Antennas Technical Data Sheet

PEANRBD1025

Mechanical Specifications

Radome Material

TPE

Size

Overall Length

7.07 in [179.58 mm]

Width

0.5 in [12.7 mm]

Height

0.5 in [12.7 mm]

Weight

0.022 lbs [9.98 g]

Environmental Specifications

Temperature

Operating Range

-40 to +80 deg C

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

Plotted and Other Data

Notes:

136-174 MHz Rubber Duck Antenna, 2.15 dBi gain, SMA Male Connector, Vertical Polarization 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: [136-174 MHz Rubber Duck Antenna, 2.15 dBi gain, SMA Male Connector, Vertical Polarization PEANRBD1025](#)

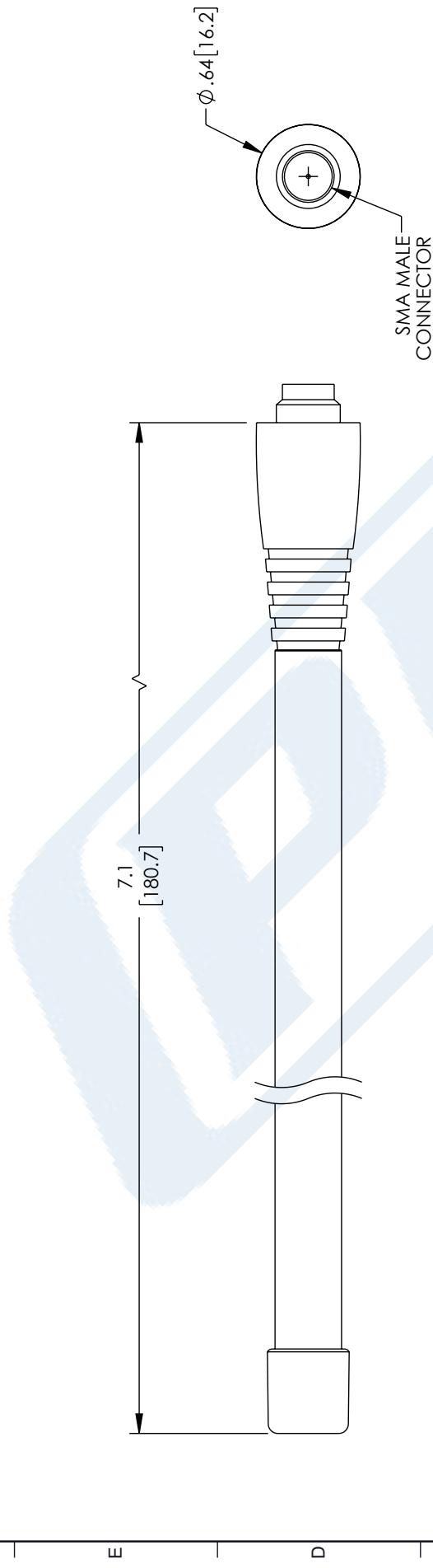
URL: <https://www.pasternack.com/2.15-dbi-rubber-duck-antenna-400-520-mhz-sma-male-connector-peanrbd1025-p.aspx>

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.

PEANRBD1025 CAD Drawing

136-174 MHz Rubber Duck Antenna, 2.15 dBi gain,
SMA Male Connector, Vertical Polarization

ZONE	REV.	DESCRIPTION	DATE	CHANGED BY	APPROVED BY
	A	INITIAL RELEASE	02/28/2023		KHIETPAS



THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF INFINITE ELECTRONICS, INC. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF INFINITE ELECTRONICS, INC. IS PROHIBITED.
THESE COMMODITIES, TECHNOLOGY OR SOFTWARE WERE EXPORTED FROM THE UNITED STATES IN ACCORDANCE WITH THE EXPORT ADMINISTRATION REGULATIONS. DIVERSION CONTRARY TO U.S. LAW PROHIBITED.