



## 3 dBi Dipole Portable Antenna 2400-2500/4900-7125 MHz SMA Connector

### Antennas Technical Data Sheet

PE51RD1025

#### Features

- Tilt and Swivel Design
- 2.4 GHz, 5 GHz, 6 GHz and 7 GHz Bands
- SMA Plug (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 PE51RD1025 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 SMA Plug (Male) Connector. The PE51RD1025 can be used on all enterprise or commercial radios and access points that have SMA female connections. This SMA Male rubber duck antenna is suitable for WiFi Hotspots (IEEE 802.11ax/ac/n/b/g) as well as IoT, Bluetooth, and Zigbe.

The high performance Pasternack PE51RD1025 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

#### 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 Dipole Portable Antenna 2400-2500/4900-7125 MHz SMA Connector PE51RD1025](#)



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3 dBi Dipole Portable Antenna 2400-2500/4900-7125 MHz 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 Dipole Portable Antenna 2400-2500/4900-7125 MHz SMA Connector PE51RD1025](https://www.pasternack.com/single-antenna-2.4-2.5-ghz-3-dbi-gain-sma-pe51rd1025-p.aspx)

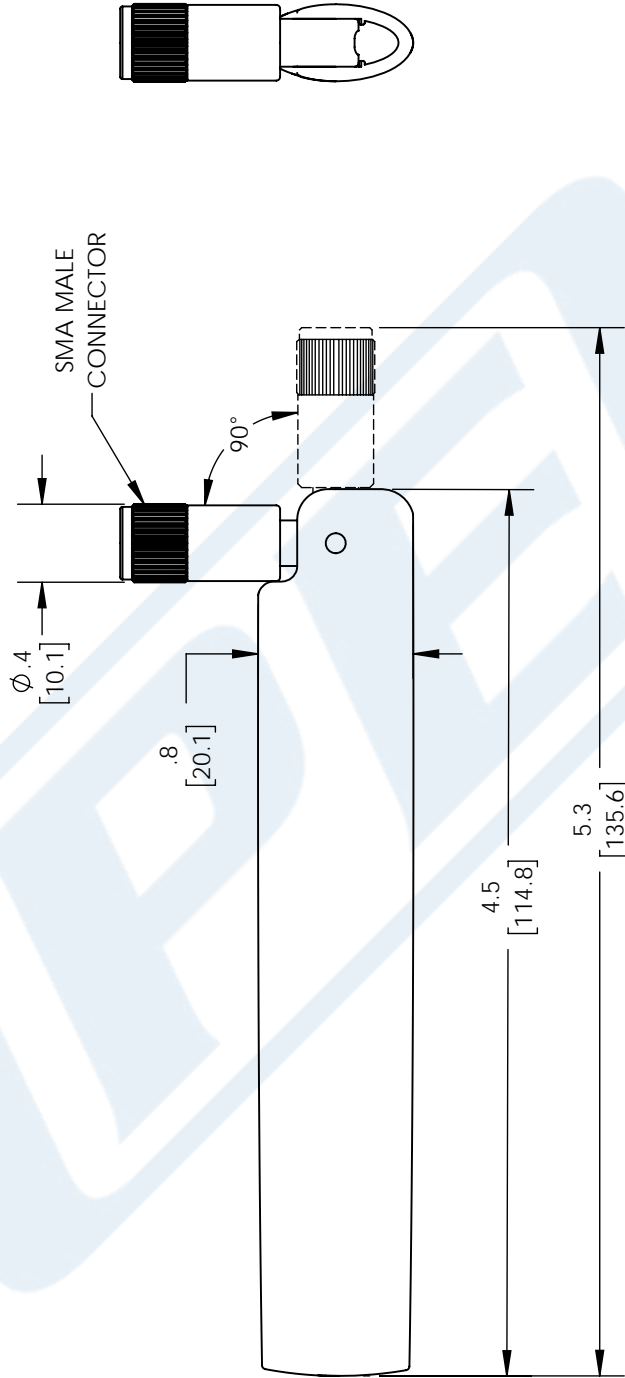
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# PE51RD1025 CAD Drawing

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



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	<p>SIZE A</p> <p>CAGE CODE 53919</p> <p>DRAWN BY BPUCHASKI</p> <p>ITEM NO. PE51RD1025</p>	<p>REV A</p>

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