

64-74 MHz Rubber Duck Antenna, 2.5 dBi gain, FME Female Connector, Vertical Polarization

Antennas Technical Data Sheet

PEANRBD1028

Features

- 64 MHz to 74 MHz, 2.5 dBi Gain
- FME-Female connector
- long 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 PEANRBD1028 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 64 to 74 MHz frequency range has a maximum input VSWR of 1.5:1. This omni directional antenna has FME female connector.

This antenna has a black radome made of TPE, an overall length of 20.51 in, width of 0.50 in, and weighs 0.022 lbs. Pasternack's PEANRBD1028 is a single band antenna operating from 64 to 74 MHz with 2.5 dBi gain.

Pasternack's experts are on hand to assist you with any inquiries. Order this PEANRBD1028 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	Rubber Duck
Band Type	Single
Radiation Pattern	Omni Directional
Polarization	Vertical
Connector Type	FME Female

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	64		74	MHz
Input VSWR			1.5:1	
Impedance		50		Ohms
Gain		2.5		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: [64-74 MHz Rubber Duck Antenna, 2.5 dBi gain, FME Female Connector, Vertical Polarization PEANRBD1028](#)

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Mechanical Specifications

Radome Material

TPE

Size

Overall Length

20.51 in [520.95 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:

64-74 MHz Rubber Duck Antenna, 2.5 dBi gain, FME Female 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.

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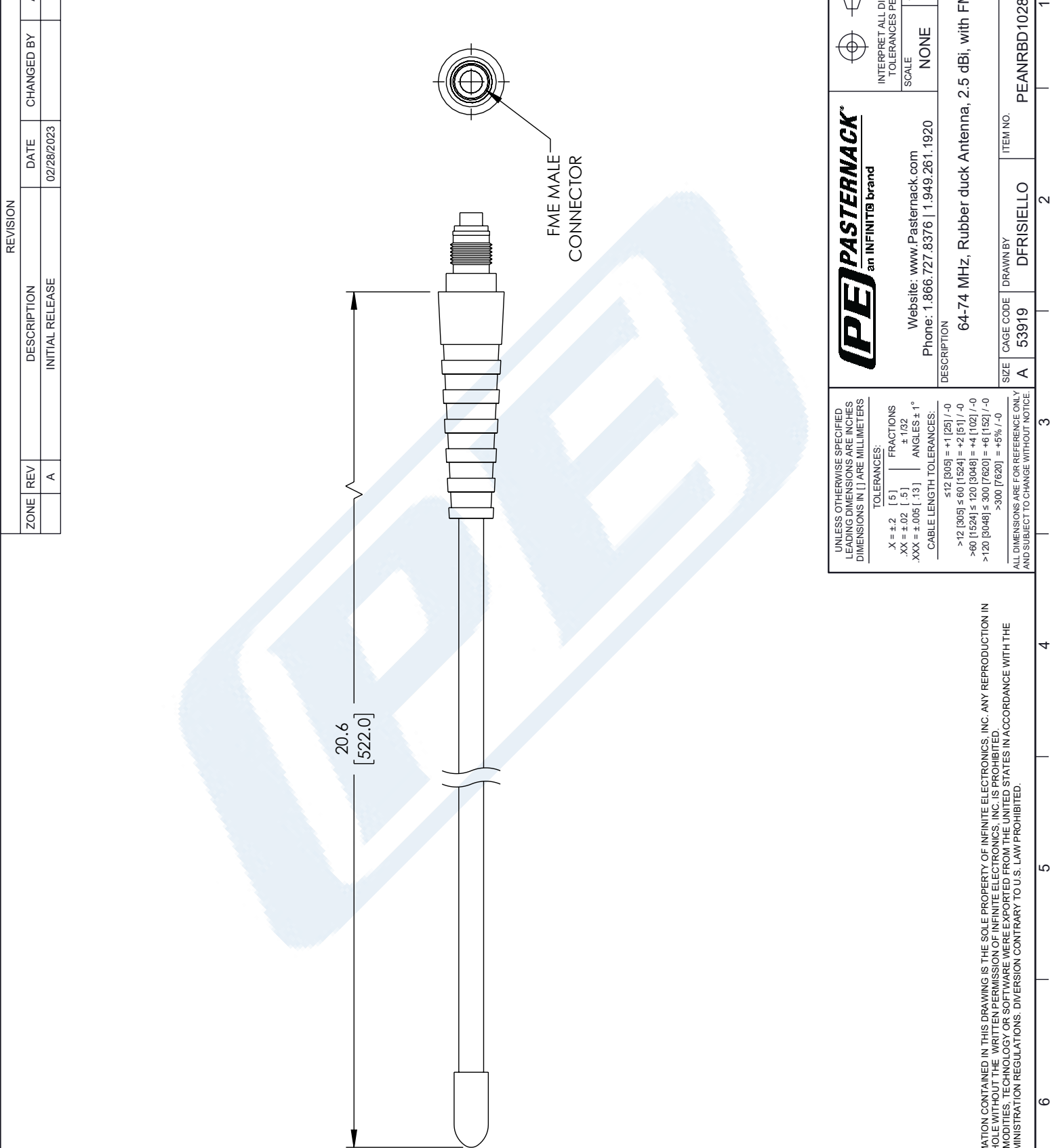
URL: <https://www.pasternack.com/2.5-dbi-rubber-duck-antenna-64-74-mhz-fme-female-connector-peanrbd1028-p.aspx>

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PEANRBD1028 CAD Drawing

64-74 MHz Rubber Duck Antenna, 2.5 dBi gain, FME
Female Connector, Vertical Polarization

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





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

TOLERANCES:
X = ±.2 [.5] FRACTIONS
.XX = ±.02 [.5] ± 1/32
.XXX = ±.005 [.13] ANGLES ± 1°

CABLE LENGTH TOLERANCES:
≤12 [305] = ±1 [25] / -0
>12 [305] ≤ 60 [1524] = +2 [51] / -0
>60 [1524] ≤ 120 [3048] = +4 [102] / -0
>120 [3048] ≤ 300 [7620] = +6 [152] / -0
>300 [7620] = +5% / -0

ALL DIMENSIONS ARE FOR REFERENCE ONLY
AND SUBJECT TO CHANGE WITHOUT NOTICE

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Website: www.Pasternack.com Phone: 1.866.727.8376 1.949.261.1920		SCALE		SHEET	
DESCRIPTION		NONE		1 OF 1	
64-74 MHz, Rubber duck Antenna, 2.5 dBi, with FME					
SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV	
A	53919	DFRISIELLO	PEANRBD1028	A	