

# 144-430 MHz, 5.5 dBi Gain, Omni-directional Antenna with Magnetic NMO Mount, Reverse Polarity-TNC Plug Connector



## Antennas Technical Data Sheet

**PEANMOB1007-RTP**

### Features

- Outdoor Rated Omni Directional Antenna
- 5.5 dBi Gain
- Easy to install magnetic mount offering temporary plug and play installation
- NMO Magnetic Mount, Black ABS Radome
- 1.5:1 VSWR Max
- 10 Foot, Black Low-Loss LMR195 Equivalent Cable
- Reverse Polarity-TNC Plug Connector

### Applications

- Offroad/Overland Vehicles
- Mining/Industrial
- Heavy Equipment
- Commercial Trucking
- Fleet Management
- Farm Equipment

### Description

The PEANMOB1007-RTP from Pasternack is an omnidirectional antenna with a 5.5 dBi gain that transmits high-power signals and faster speed. This in-building antenna comes with a magnetic NMO mount specifically designed for high-performance applications. Our high-quality omni antenna is available in black color and can be procured with no order limit. This vertically polarized antenna has a frequency range of 144 to 430 MHz, which is ideal for indoor low-profile, in-building, and mobile applications.

The NMO-type magnetic mount on Pasternack's PEANMOB1007-RTP omnidirectional antenna makes it an ideal solution when the portability of the antenna is needed. This NMO antenna mount is constructed with a heavy-duty magnet to ensure secure mounting. The magnetic base allows a temporary plug-and-play installation. No drilling is required for the installation of this antenna mount, making it easy to fine-tune the antenna location. This magnetic mount has a reverse polarity TNC plug connector and can be used for WLAN, Wi-Fi, public safety, and mobile RF applications.

Pasternack has one of the largest in-stock selections of omnidirectional in-building antennas with the same-day shipment. Make your online purchase right now to take advantage of our same-day shipping. For further information on similar products, our expert technical support and knowledgeable sales team can help you get the ideal vertically polarized antenna with a magnetic NMO mount for your requirements.

### Configuration

Design	Omni
Band Type	Single
Radiation Pattern	Omni Directional
Polarization	Vertical
Connector Type	TNC Reverse Polarity
Number of Ports	1

### Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	144		430	MHz
Input VSWR			1.5:1	
Gain		5.5		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: [144-430 MHz, 5.5 dBi Gain, Omni-directional Antenna with Magnetic NMO Mount, Reverse Polarity-TNC Plug Connector PEANMOB1007-RTP](#)

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Magnetic NMO Mount, Reverse Polarity-TNC Plug Connector



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### Mechanical Specifications

Radome Material

Stainless Steel

#### Size

Overall Length

36.24 in [920.5 mm]

Width

3 in [76.2 mm]

Height

3 in [76.2 mm]

Weight

1.35 lbs [612.35 g]

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

### Plotted and Other Data

Notes:

144-430 MHz, 5.5 dBi Gain, Omni-directional Antenna with Magnetic NMO Mount, Reverse Polarity-TNC Plug 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.

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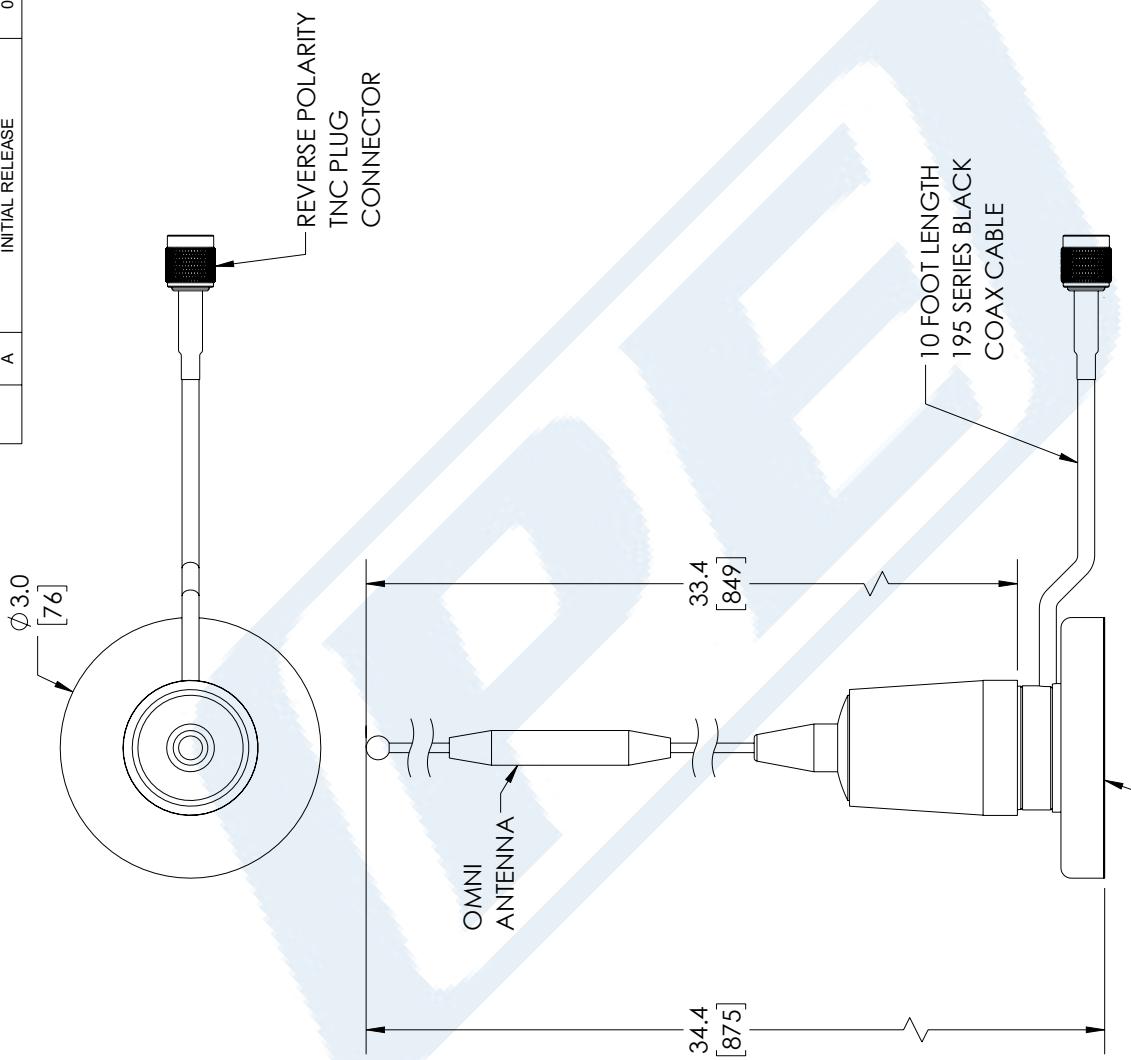
URL: <https://www.pasternack.com/144-430-mhz-5.5-dbi-gain-omni-directional-antenna-with-magnetic-nmo-mount-reverse-polarity-tnc-plug-connector-peanmob1007-rtp-p.aspx>

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## PEANMOB1007-RTP CAD Drawing

144-430 MHz, 5.5 dBi Gain, Omni-directional Antenna with Magnetic NMO Mount, Reverse Polarity-TNC Plug Connector

ZONE	REV.	DESCRIPTION	DATE	CHANGED BY	APPROVED BY
	A	INITIAL RELEASE	02/27/2023	BPUCHASKI	KHIEPTAS



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TOLERANCES: $X = \pm .2$ [5] $XX = \pm .02$ [5] $XXX = \pm .005$ [1.3]	FRACTIONS $\pm 1/32$ $\pm 1/64$	ANGLES $\pm 1^\circ$	SHEET SCALE NONE 1 OF 1
DESCRIPTION <b>144/430 MHz Omni Antenna 5.5 dBi, Vehicle NMO, Black RP TNC</b>		Website: <a href="http://www.Pasternack.com">www.Pasternack.com</a> Phone: 1.866.727.8376   1.949.261.1920	
SIZE	CAGE CODE	DRAWN BY	ITEM NO.
A	53919	BPUCHASKI	PEANMOB1007-RTP
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