



136-940MHz, 4.5 dBi Gain, Omni-directional Antenna with Magnetic NMO Mount, Reverse Polarity-SMA Plug Connector

Antennas Technical Data Sheet

PEANMOB1003-RSP

Features

- Outdoor Rated Omni Directional Antenna
- 4.5 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-SMA Plug Connector

Applications

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

Description

The PEANMOB1003-RSP from Pasternack is an omnidirectional antenna with a 4.5 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 136 to 940 MHz, which is ideal for indoor low-profile, in-building, and mobile applications.

The NMO-type magnetic mount on Pasternack's PEANMOB1003-RSP 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 SMA 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	SMA Reverse Polarity
Number of Ports	1

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	136		940	MHz
Input VSWR			1.5:1	
Gain		4.5		dBi
Input Power			30	Watts

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [136-940MHz, 4.5 dBi Gain, Omni-directional Antenna with Magnetic NMO Mount, Reverse Polarity-SMA Plug Connector PEANMOB1003-RSP](#)



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Magnetic NMO Mount, Reverse Polarity-SMA Plug Connector

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Mechanical Specifications

Radome Material

Stainless Steel

Size

Overall Length

4.74 in [120.4 mm]

Width

3 in [76.2 mm]

Height

3 in [76.2 mm]

Weight

1.8 lbs [816.47 g]

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

Plotted and Other Data

Notes:

136-940MHz, 4.5 dBi Gain, Omni-directional Antenna with Magnetic NMO Mount, Reverse Polarity-SMA 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.

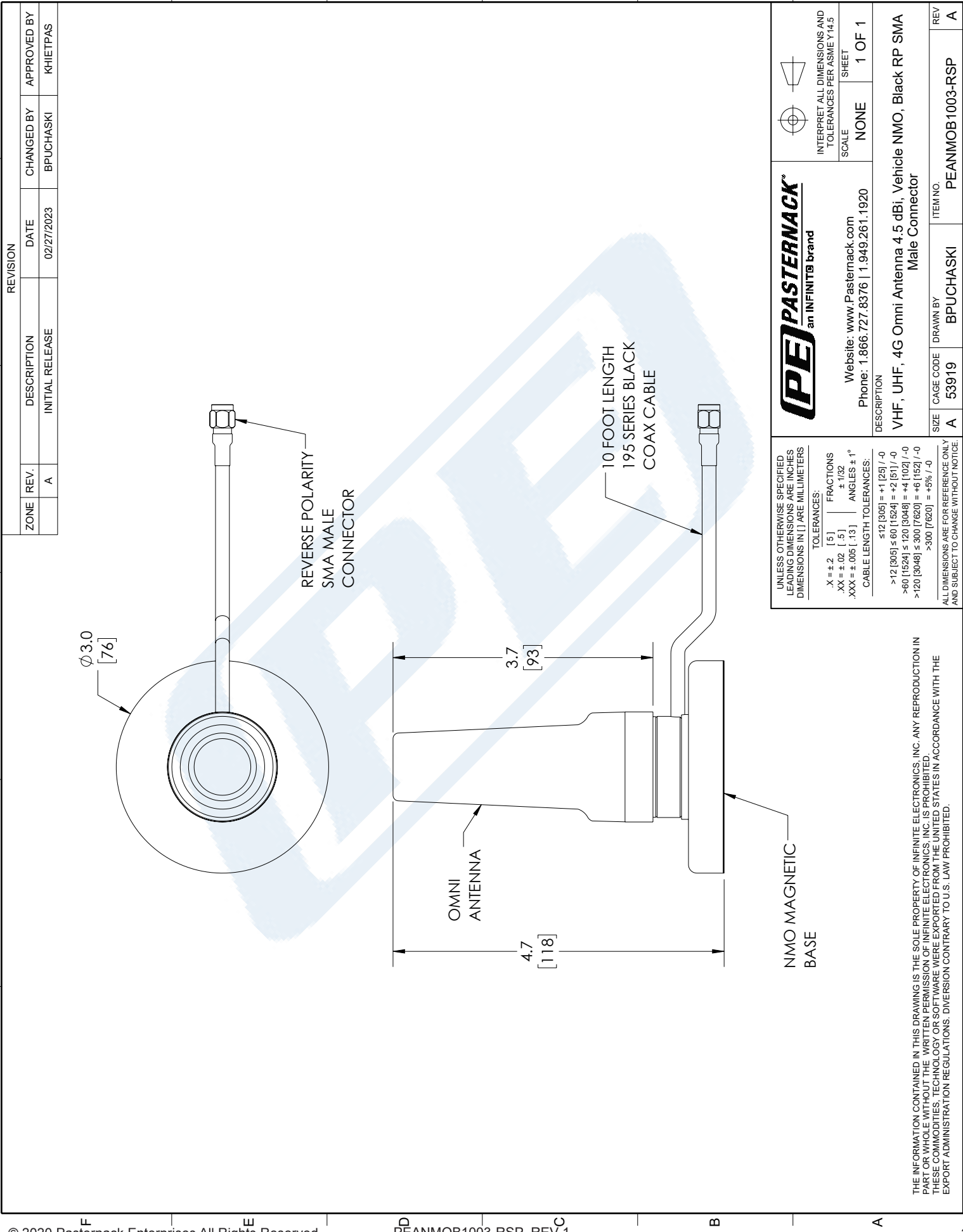
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URL: <https://www.pasternack.com/136-940mhz-4.5-dbi-gain-omni-directional-antenna-with-magnetic-nmo-mount-reverse-polarity-sma-plug-connector-peanmob1003-rsp-p.aspx>

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PEANMOB1003-RSP CAD Drawing

136-940MHz, 4.5 dBi Gain, Omni-directional Antenna with Magnetic
NMO Mount, Reverse Polarity-SMA Plug Connector



Website: www.Pasternack.com
Phone: 1.866.727.8376 | 1.949.261.1920

DESCRIPTION
VHF, UHF, 4G Omni Antenna 4.5 dBi, Vehicle NMO, Black RP SMA Male Connector

SIZE	CAGE CODE	DRAWN BY	ITEM NO.
A	53919	BPUCHASKI	PEANMOB1003-RSP



INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5
SCALE NONE
SHEET 1 OF 1

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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