

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

The FMANMOB1003-RSP from Fairview Microwave 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 Fairview Microwave's FMANMOB1003-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.

Fairview Microwave 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
Gain	4.5
Polarization	Vertical
Connector Type	SMA Reverse Polarity
Number of Ports	1

### Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	136		940	MHz
Input VSWR			1.5:1	
Gain		4.5		dBi
Input Power			30	Watts

### Mechanical Specifications

Radome Material	Stainless Steel
<b>Size</b>	
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]

### Environmental Specifications



### 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

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

**Plotted and Other Data**

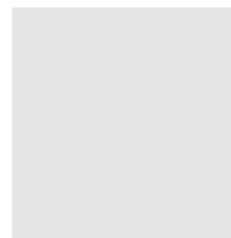
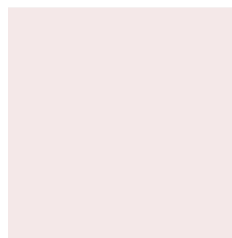
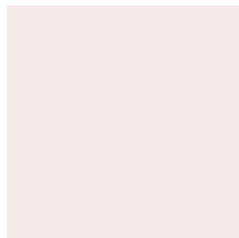
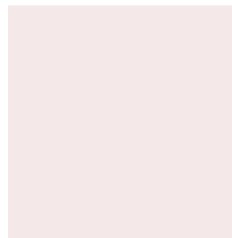
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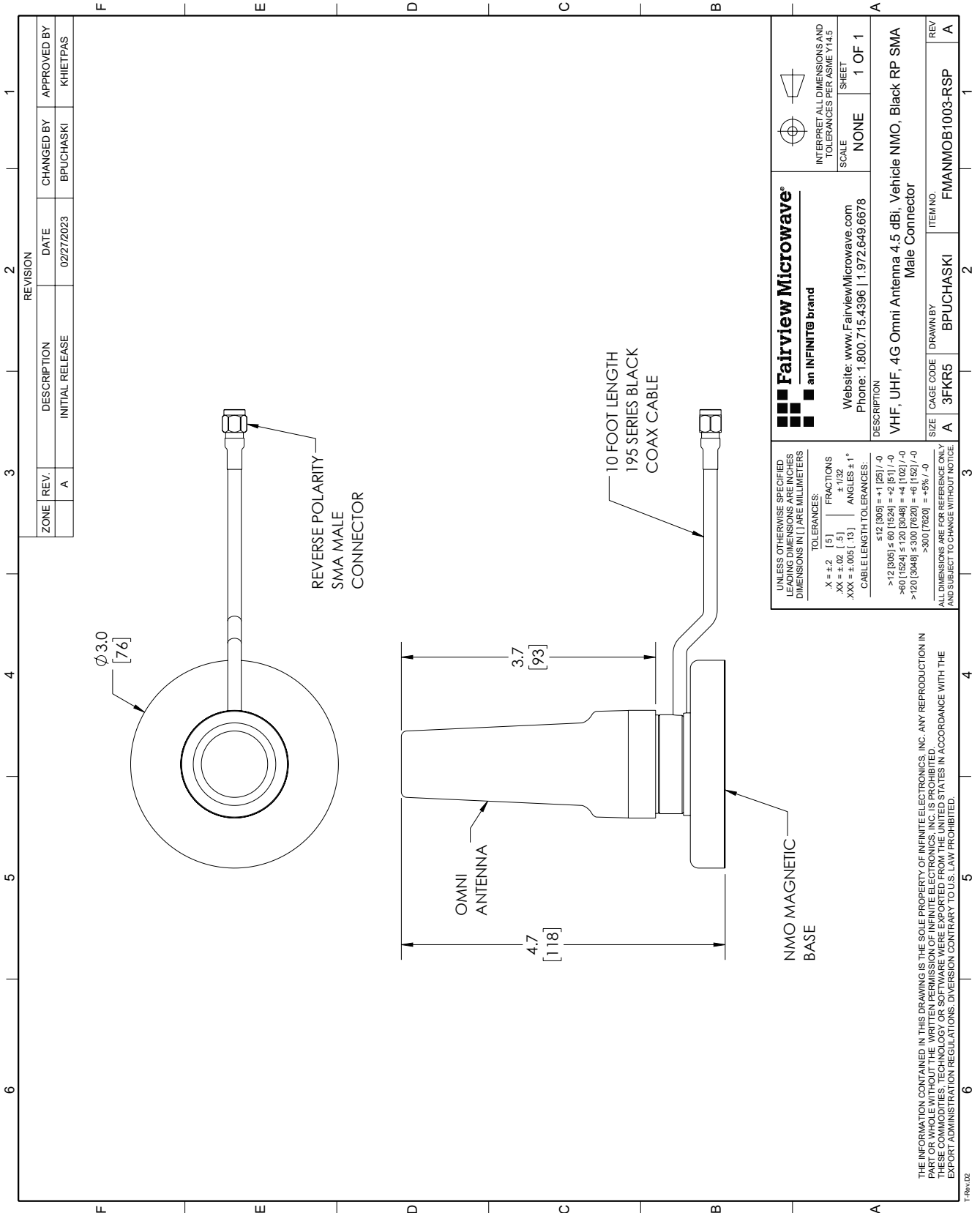
136-940MHz, 4.5 dBi Gain, Omni-directional Antenna with Magnetic NMO Mount, Reverse Polarity-SMA Plug Connector from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Lewisville, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [136-940MHz, 4.5 dBi Gain, Omni-directional Antenna with Magnetic NMO Mount, Reverse Polarity-SMA Plug Connector FMANMOB1003-RSP](#)

URL: <https://www.fairviewmicrowave.com/136-940mhz-4.5-dbi-gain-omni-directional-antenna-with-magnetic-nmo-mount-reverse-polarity-sma-plug-connector-fmanmob1003-rsp-p.aspx>

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ZONE	REV.	DESCRIPTION	INITIAL RELEASE	
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<b>Fairview Microwave</b> an INFINIT <sup>®</sup> brand Website: <a href="http://www.FairviewMicrowave.com">www.FairviewMicrowave.com</a> Phone: 1.800.715.4396   1.972.649.6678	INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5 SCALE: NONE SHEET: 1 OF 1
	DESCRIPTION: VHF, UHF, 4G Omni Antenna 4.5 dBi, Vehicle NMO, Black RP SMA Male Connector
UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES. DIMENSIONS IN PARENTHESES ARE IN MILLIMETERS. TOLERANCES: .X = ±.2 [5]      FRACTIONS ± 1/32 .XX = ±.02 [5]      ANGLES ± 1° .XXX = ±.005 [13] 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.	SIZE: A CAGE CODE: 3FKR5 DRAWN BY: BPUCHASKI ITEM NO.: FMANMOB1003-RSP

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