

136-174 MHz, 3.5 dBi Gain, Omni-directional Antenna with Magnetic NMO Mount, N-Female Connector

Description

The FMANMOB1008-NF from Fairview Microwave is an omnidirectional antenna with a 3.5 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 174 MHz, which is ideal for indoor low-profile, in-building, and mobile applications.

The NMO-type magnetic mount on Fairview Microwave's FMANMOB1008-NF 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 an N-type female 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 | 5.5 |
| Polarization | Vertical |
| Connector Type | N Female |
| Number of Ports | 1 |

Electrical Specifications

| Description | Min | Typ | Max | Units |
|---------------------------|-----|-----|-------|-------|
| Frequency Range (Tunable) | 136 | | 174 | MHz |
| Operational Bandwidth | | 5 | | MHz |
| Input VSWR | | | 1.5:1 | |
| Gain | | 5.5 | | dBi |
| Input Power | | | 50 | Watts |



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
- N-Female Connector
- Tunable Frequency

Applications:

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

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CUTTING CHART

| | | | | | |
|-----------------|------|------|------|------|------|
| Frequency (MHz) | 136 | 138 | 140 | 142 | 144 |
| L (mm) | 1250 | 1191 | 1169 | 1147 | 1121 |

| | | | | | |
|-----------------|------|------|------|------|-----|
| Frequency (MHz) | 146 | 148 | 150 | 152 | 154 |
| L (mm) | 1099 | 1074 | 1041 | 1019 | 997 |

| | | | | | |
|-----------------|-----|-----|-----|-----|-----|
| Frequency (MHz) | 156 | 158 | 160 | 162 | 164 |
| L (mm) | 975 | 956 | 937 | 915 | 905 |

| | | | | | |
|-----------------|-----|-----|-----|-----|-----|
| Frequency (MHz) | 166 | 168 | 170 | 172 | 174 |
| L (mm) | 886 | 873 | 848 | 829 | 823 |

Mechanical Specifications

Radome Material

Stainless Steel

Size

Length

54.74 in [139.04 cm]

Width

3 in [76.2 mm]

Height

3 in [76.2 mm]

Weight

1.46 lbs [662.24 g]

Environmental Specifications

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

Plotted and Other Data

Notes:

1: Loosen Screw, Sperate Whip and Base.

2: Find whip length of correct frequency according to cutting chart.

3: Measure the length of the steel whip and cut it from bottom side without cap.

4: Re-fix the steel whip and the base with screws.

136-174 MHz, 3.5 dBi Gain, Omni-directional Antenna with Magnetic NMO Mount, N-Female 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: [136-174 MHz, 3.5 dBi Gain, Omni-directional Antenna with Magnetic NMO Mount, N-Female Connector FMANMOB1008-NF](#)

URL: <https://www.fairviewmicrowave.com/136-174-mhz-3.5-dbi-gain-omni-directional-antenna-with-magnetic-nmo-mount-n-female-connector-fmanmob1008-nf-p.aspx>

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