

**136 to 174 MHz Omni Antenna 2.5 dBi Gain, NMO Connector, Stainless Steel**

**Description**

Fairview Microwave’s FMANOM1083 is a vertical polarized antenna that ships same day from our ISO 9001:2015 certified facility. This omni directional antenna has NMO male connectors. The FMANOM1083 is a single band antenna operating from 136 to 174 MHz with 2.5 dBi gain.

Fairview Microwave’s antenna with 136 to 174 MHz frequency range has a maximum input VSWR of 1.5:1. The FMANOM1083 antenna is made of stainless steel, an overall length of 21.65 in, width of 2 in, and weighs 0.33 lbs.

Use our on-line ordering system to purchase your FMANOM1083 antenna 24 hours a day with same-day shipping and no MOQs (minimum order quantities).

**Configuration**

Gain	2.5
Polarization	Vertical
Connector Type	NMO

**Electrical Specifications**

Description	Min	Typ	Max	Units
Frequency Range (Tunable)	136		174	MHz
Operational Bandwidth		5		MHz
Input VSWR			1.5:1	
Impedance		50		Ohms
Gain		2.5		dBi
Input Power			50	Watts



**Features:**

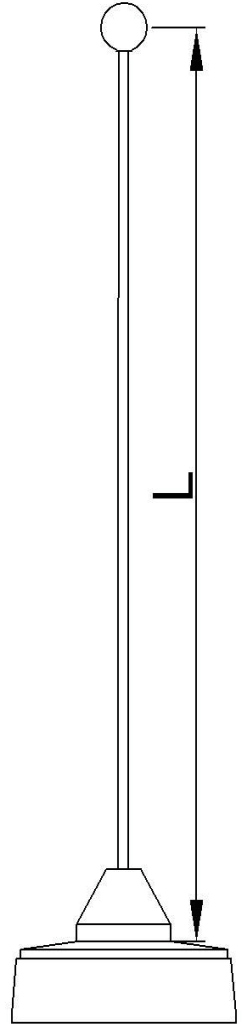
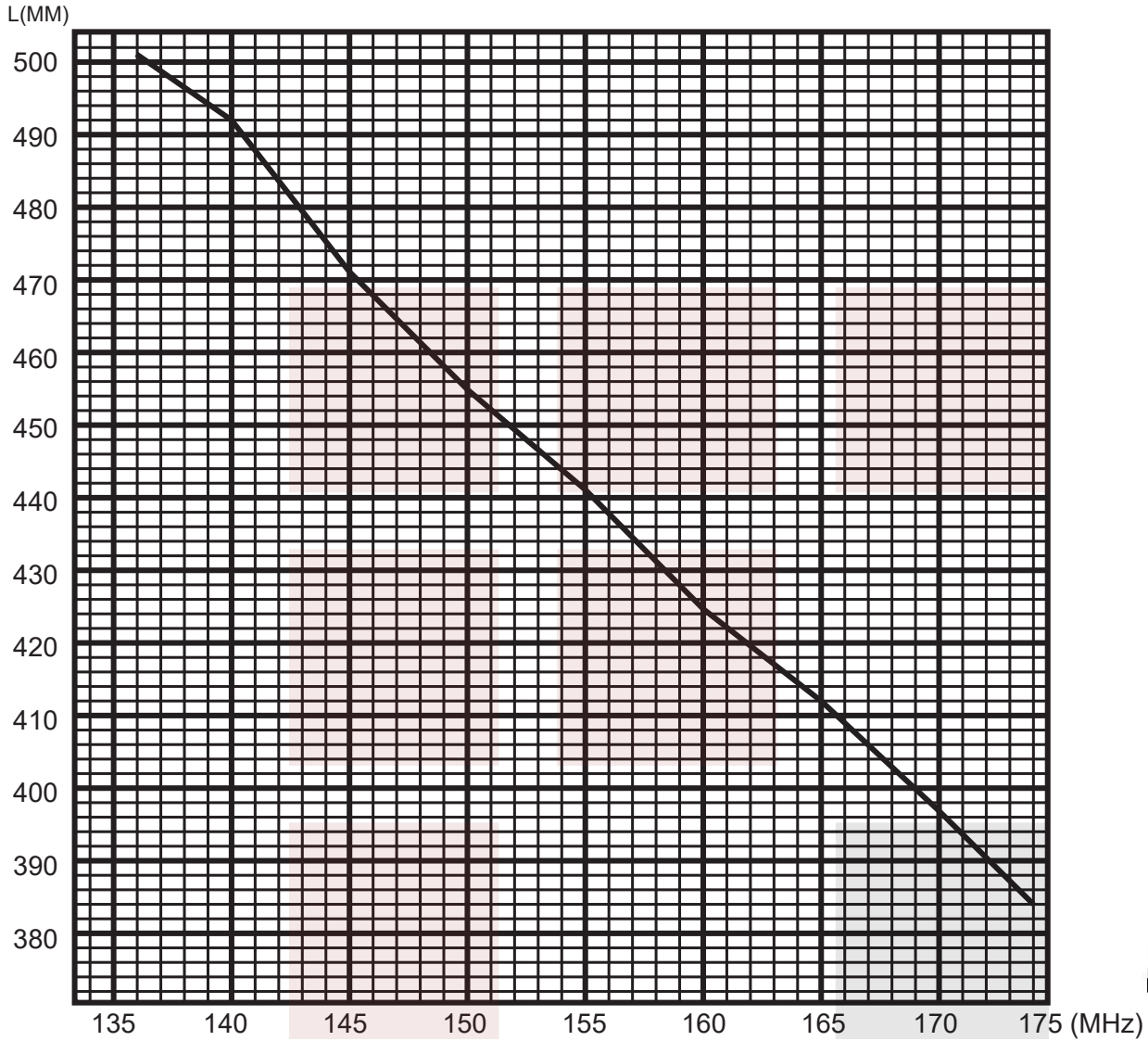
- Vertically Polarized
- 2.5 dBi Gain
- NMO Connector
- Stainless Steel
- 1.5:1 VSWR Max
- 50 Watt Max Input Power
- Tunable Frequency

**Applications:**

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

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CUTTING CHART



**Mechanical Specifications**

Radome Material: Stainless Steel

**Size**

Length: 21.65 in [549.91 mm]  
 Width: 2 in [50.8 mm]  
 Height: 2 in [50.8 mm]  
 Weight: 0.33 lbs [149.69 g]

**Environmental Specifications**

**Temperature**

Operating Range: -40 to +80 deg C

**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 top side

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

136 to 174 MHz Omni Antenna 2.5 dBi Gain, NMO Connector, Stainless Steel 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 to 174 MHz Omni Antenna 2.5 dBi Gain, NMO Connector, Stainless Steel FMANOM1083](#)

URL: <https://www.fairviewmicrowave.com/136-to-174-mhz-omni-antenna-2.5-dbi-gain-nmo-connector-stainless-steel-reflector-fmanom1083-p.aspx>

The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Fairview Microwave reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Fairview Microwave does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Fairview Microwave does not assume any liability arising out of the use of any part or documentation.

