

### 3 dB Tunable Poly Spring Vehicular Antenna 132-174 MHz NMO Mount Connector

This field tunable VHF mobile omnidirectional antenna is ideally suited for multipoint mobile applications including service vehicles, public transportation, public safety, mining and construction vehicles, as well numerous other commercial and industrial applications where mobility and wide coverage is desired. This antenna features a flexible Poly Spring base. Unlike the traditional metal spring base, the Poly Spring will not corrode and does not generate electrical noise when flexed during use. It has a standard TAD/NMO Motorola-type mobile base.

#### Configuration

Design	Vehicular
Gain	3
Polarization	Linear, Vertical
Connector Type	NMO Mount

#### Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range (Tunable Range)	132		174	MHz
Input VSWR (@ Operating Frequency)			1.5:1	
Impedance		50		Ohms
Gain		3		dB
Horizontal (Azimuth) Beam Width		360		Degrees
Vertical (Elevation) Beam Width		50		Degrees
Input Power			150	Watts

#### Mechanical Specifications

<b>Size</b>	
Length	55.43 in [140.79 cm]
Width	0 in [0 mm]
Height	0 in [0 mm]
Weight	0.202 lbs [91.63 g]

#### Environmental Specifications

<b>Temperature</b>	
Operating Range	-40 to +85 deg C
Humidity	95%
Corrosion	Salt Fog

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

#### Plotted and Other Data

Notes:



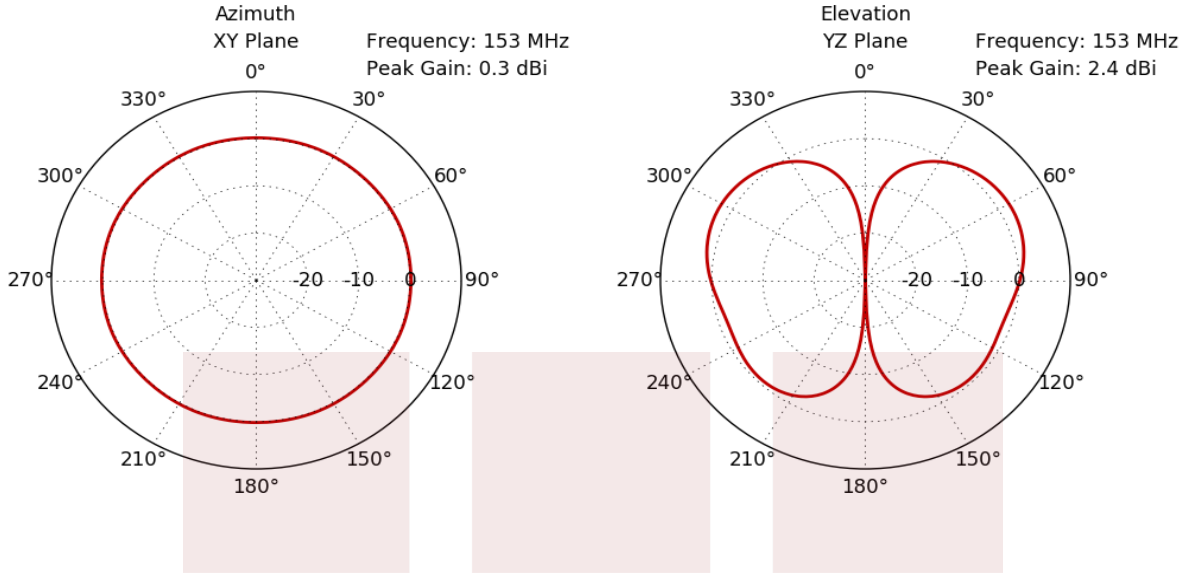
#### Features:

- NMO Mount, Black Chrome Finish
- Flexible Black Polymer Alloy Spring
- Field Tunable
- O-ring seal for waterproof construction
- Durable Xenoy™ base with TPV over mold dust seal and grip ring

#### Applications:

- Service vehicles
- Public Safety
- Public Transportation
- Mining & Construction

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3 dB Tunable Poly Spring Vehicular Antenna 132-174 MHz NMO Mount 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: [3 dB Tunable Poly Spring Vehicular Antenna 132-174 MHz NMO Mount Connector FM51MP1001](https://www.fairviewmicrowave.com/3-db-tunable-poly-spring-vehicular-antenna-132-174-mhz-nmo-mount-connector-fm51mp1001-p.aspx)

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