

**144, 430 MHz Omni Antenna 5.5 dBi Gain, NMO Connector, Stainless Steel Reflector**

Fairview Microwave's FMANOM1085 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 FMANOM1085 is a dual band antenna operating from 144 to 430 MHz with 5.5 dBi gain.

Fairview Microwave's antenna with 144 to 430 MHz frequency range has a maximum input VSWR of 1.5:1. The FMANOM1085 antenna is made of stainless steel, an overall length of 35.04 in, width of 2 in, and weighs 0.55 lbs.

Use our on-line ordering system to purchase your FMANOM1085 antenna 24 hours a day with same-day shipping and no MOQs (minimum order quantities).

**Configuration**

Gain	5.5 to 5.5 dBi
Polarization	Vertical
Connector Type	NMO

**Electrical Specifications**

Description	Min	Typ	Max	Units
Frequency Range	143		432	MHz
Input VSWR			1.5:1	
Impedance		50		Ohms
Gain		5.5		dBi
Input Power			50	Watts

**Specifications by Frequency**

Description	Band 1	Band 2	Band 3	Band 4	Band 5	Units
Range	0.143-0.145	0.428-0.432				GHz
Gain	5.5	5.5				dBi
VSWR	2:1	2:1				
Max Input Power	100	100				Watts



**Features:**

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

**Applications:**

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

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## Mechanical Specifications

Radome Material	Stainless Steel
<b>Size</b>	
Length	35.04 in [890.02 mm]
Width	2 in [50.8 mm]
Height	2 in [50.8 mm]
Weight	0.55 lbs [249.48 g]

## Environmental Specifications

<b>Temperature</b>	
Operating Range	-40 to +80 deg C

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

## Plotted and Other Data

Notes:

144, 430 MHz Omni Antenna 5.5 dBi Gain, NMO Connector, Stainless Steel Reflector 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: [144, 430 MHz Omni Antenna 5.5 dBi Gain, NMO Connector, Stainless Steel Reflector FMANOM1085](#)

URL: <https://www.fairviewmicrowave.com/144-430-mhz-omni-antenna-5.5-dbi-gain-nmo-connector-stainless-steel-reflector-fmanom1085-p.aspx>

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