

6 dBi Omni Antenna 698-960 MHz N Type Connector

The 5G /LTE outdoor omnidirectional FM510M1033 antenna from Fairview Microwave is a high performance RF component which operates from 698 to 960 MHz. The FM510M1033 antenna is ideal for 5G, LTE, CDMA, LPWAN/IoT/M2M applications including LoRA, LTE-M, and NB-IOT. The Multi-Band design of the Fairview Microwave FM510M1033 antenna can be used for a wide array of cellular telecommunication wireless applications where wide coverage is desired. Fairview Microwave's FM510M1033 can be used to distribute Cellular signals throughout an outdoor area.

The Type N connectorized FM510M1033 antenna with vertical polarization from Fairview Microwave provides excellent outdoor coverage for all base station applications. The Type N connectorized FM510M1033 antenna from Fairview Microwave excels in large open areas. The mounting bracket and hardware are included for easy installation. Fairview Microwave 5G / LTE outdoor omnidirectional with Type N female purchases will ship the same day. Our FM510M1033 antenna is part of over one million RF, microwave and millimeter wave components in stock and ready for same-day shipment worldwide.

Configuration

Design	Omni
Polarization	Vertical
Connector Type	N Female
Number of Ports	1

Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	698		960	MHz
Impedance		50		Ohms
Gain		6		dBi
Input Power			50	Watts
VSWR			2:1	

Mechanical Specifications

Radome Material	Polycarbonate
Size	
Length	19.6 in [497.84 mm]
Width	3 in [76.2 mm]
Mounting Mast Diameter	1.97 to 3.54 in [50.04 to 89.92 mm]
Weight	2.64 lbs [1.2 kg]

Environmental Specifications

Temperature	
Operating Range	-40 to +70 deg C
Wind Loading	124.27 MPH [199.99 KPH]
Humidity	91



Features:

- All weather operation
- Includes heavy duty steel mast mounting brackets
- Lightweight polycarbonate radome
- Integral N-Female connector
- Commercial grade design
- 360° Omnidirectional Pattern
- 4 to 6 dBi gain

Applications:

- Supports lowband LTE and 5G networks
- Point to Multipoint and Non Line of Sight (NLOS) Applications
- 600, 700, 800 Cellular Band Operation

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

Plotted and Other Data

Notes:

6 dBi Omni Antenna 698-960 MHz N Type 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: [6 dBi Omni Antenna 698-960 MHz N Type Connector FM510M1033](#)

URL: <https://www.fairviewmicrowave.com/antenna-6-dbi-n-female-fm510m1033-p.aspx>

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