

3.5 dBi MultiBand Portable Antenna 615-2,700 MHz N Type Connector

The Fairview Microwave 5G FM510M1027 Omnidirectional Black Antenna is available to ship the same day. This 5G antenna is a high performance, lightweight and compact antenna. This omnidirectional antenna is designed for the 600 MHz to 2700 MHz bands. Fairview Microwave's FM510M1027 is a coaxial sleeve design with an omni-directional pattern. It is ideally suited for 4G, 5G, LTE and other sub 6 GHz Cellular bands in both private and public networks. It features a brass Type N female connector. The N female connector allows it to be mounted to a radio or terminal with a coaxial jumper and provides flexibility of mounting location.

The 5G high performance omnidirectional FM510M1027 from Fairview Microwave is a flexible antenna providing 0 to 3.5 dBi gain and broad coverage. It is suitable for 600, 700, 800, 850, 900, 1800, 1900, 2100, 2300 and 2600 MHz bands and any network using sub 6 GHz 5G bands. The FM510M1027 is painted black to blend in with industrial backgrounds.

This 5G N female Cellular antenna just like the other RF components from Fairview Microwave is in stock and ships the same day. Contact our knowledgeable and friendly technical support and sales staff for your answers on any Fairview Microwave products.

Configuration

Design	Portable
Gain	0 to 3.5 dBi
Polarization	Vertical
Connector Type	N Female

Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	615		2,700	MHz
Input VSWR			3:1	
Impedance		50		Ohms
Gain	0	3.5		dBi

Specifications by Frequency

Description	Band 1	Band 2	Band 3	Band 4	Band 5	Units
Range	0.615-0.96	1.71-2.7				GHz
Gain	0	3.5				dBi

Mechanical Specifications

Radome Material	ABS
Size	
Length	0.9 in [22.86 mm]
Width	0.9 in [22.86 mm]
Height	7.18 in [182.37 mm]
Weight	0.057 lbs [25.85 g]
Body Material and Plating	Brass



Features:

- Type N Female Connector
- Black Omni for Indoor or Outdoor
- IP67 Weatherproof for all Environments
- 0 to 3 dBi Gain

Applications:

- 4G & 5G Networks, Public or Private
- 600, 700, 850, 900, 1800, 1900, 2100, 2600 MHz
- IoT, Cellular, Zigbee, Z-Wave, Bluetooth

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Environmental Specifications

Temperature

Operating Range	-20 to +65 deg C
Storage Range	-20 to +65 deg C
Environment	IP67

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

Plotted and Other Data

Notes:

3.5 dBi MultiBand Portable Antenna 615-2,700 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: [3.5 dBi MultiBand Portable Antenna 615-2,700 MHz N Type Connector FM510M1027](#)

URL: <https://www.fairviewmicrowave.com/multi-antenna-615-mhz-2.7-ghz-3.5-dbi-gain-n-fm510m1027-p.aspx>

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