

3 dBi MultiBand Portable Antenna 617-2690 MHz N Type Connector

The Fairview Microwave 5G FM510M1028 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 FM510M1028 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 male connector. The N male connector allows it to be mounted to a radio or terminal without the need for a coax jumper.

The 5G high performance omnidirectional FM510M1028 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 FM510M1028 is painted black to blend in with industrial backgrounds.

This 5G N male 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	2 to 3 dBi
Polarization	Vertical
Connector Type	N Male

Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	617		2,690	MHz
Input VSWR			3:1	
Impedance		50		Ohms
Gain	2	3		dBi

Specifications by Frequency

Description	Band 1	Band 2	Band 3	Band 4	Band 5	Units
Range	0.617-0.96	1.71-2.69				GHz
Gain	2	3				dBi

Mechanical Specifications

Radome Material	ABS
Size	
Length	0.9 in [22.86 mm]
Width	0.9 in [22.86 mm]
Height	7.36 in [186.94 mm]
Weight	0.071 lbs [32.21 g]
Body Material and Plating	Brass



Features:

- Type N Male 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 dBi MultiBand Portable Antenna 617-2690 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 dBi MultiBand Portable Antenna 617-2690 MHz N Type Connector FM510M1028](#)

URL: <https://www.fairviewmicrowave.com/multi-antenna-617-mhz-2.69-ghz-3-dbi-gain-n-fm510m1028-p.aspx>

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