

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

The Fairview Microwave 5G FM510M1029 Omnidirectional White 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 FM510M1029 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 FM510M1029 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 FM510M1029 is painted white to blend in with open sky and other light colored 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                 |
| <b>Size</b>               |                     |
| Length                    | 0.9 in [22.86 mm]   |
| Width                     | 0.9 in [22.86 mm]   |
| Height                    | 7.18 in [182.37 mm] |
| Weight                    | 0.058 lbs [26.31 g] |
| Body Material and Plating | Brass               |



### Features:

- Type N Female Connector
- White 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 FM510M1029](#)

URL: <https://www.fairviewmicrowave.com/multi-antenna-615-mhz-2.7-ghz-3.5-dbi-gain-n-fm510m1029-p.aspx>

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