

### 617 to 7125 MHz Wi-Fi 6E Omni Antenna, 3 dBi Gain, N Female Connector Black

The FMANOM1058 Wi-Fi 6e Omni Antenna from Fairview Microwave is a high performance omnidirectional antenna designed for the 617 MHz to 7125 MHz bands and is available to ship same day. It is a UV protected, outdoor rated antenna with omni-directional pattern. The FMANOM1058 is ideally suited for 802.11 protocols including 802.11ax as well as IoT, Zigbee and Bluetooth.

The Fairview Microwave high performance omni FMANOM1058 is a rugged antenna providing broad coverage, low latency, increased network capacity and 3 dBi gain. This N Female omnidirectional antenna is suitable for commercial radios and access points in public and private networks that are equipped with N Type connectors.

This Wi-Fi 6e FMANOM1058 omni antenna with N Female connectors, as well as our wide selection of superior quality RF parts, ships same day. Contact our knowledgeable and friendly technical support and sales staff for your answers on antennas or other Fairview Microwave products.

#### Configuration

Design	Omni
Gain	2 dBi
Polarization	Vertical
Connector Type	N Female
Number of Ports	1

#### Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	617		7,125	MHz
Input VSWR			2.5:1	
Impedance		50		Ohms
Gain Variation		±0.5		dBi
Input Power			100	Watts

#### Specifications by Frequency

Description	Band 1	Band 2	Band 3	Band 4	Band 5	Units
Range	0.617-0.96	1.71-7.125				GHz
Gain	2	5				dBi
Horiz. Beam Width	360	360				Degrees
Vert. Beam Width	60	45				Degrees

#### Mechanical Specifications

Radome Material	UV Resistant ABS
<b>Size</b>	
Length	3.75 in [95.25 mm]
Width	1.6 in [40.64 mm]
Height	1.6 in [40.64 mm]
Weight	0.45 lbs [204.12 g]



#### Features:

- N Type Female Connector
- Vertical Polarization
- Outdoor Rated Omnidirectional Antenna
- 2.4 GHz, 5 GHz, 6 GHz Wi-Fi Bands
- 5 dBi gain
- 100 Watt Max Power

#### Applications:

- Infotainment systems, Routers, Wi-Fi hotspots, HD video transmission, Gateways, Dash cameras, Public transportation
- Connected cars or self-driving cars, Fleet management, Logistics
- Public Safety Networks
- IoT, Industrial IoT, Zigbee, Bluetooth, Wi-Fi

Fairview Microwave  
301 Leora Ln., Suite 100  
Lewisville, TX 75056  
Tel: 1-800-715-4396 / (972) 649-6678  
Fax: (972) 649-6689  
[www.fairviewmicrowave.com](http://www.fairviewmicrowave.com)  
[sales@fairviewmicrowave.com](mailto:sales@fairviewmicrowave.com)

**Environmental Specifications**

**Temperature**

Operating Range -40 to +85 deg C

Humidity 5 to 95

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

**Plotted and Other Data**

Notes:

617 to 7125 MHz Wi-Fi 6E Omni Antenna, 3 dBi Gain, N Female Connector Black 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: [617 to 7125 MHz Wi-Fi 6E Omni Antenna, 3 dBi Gain, N Female Connector Black FMANOM1058](#)

URL:

The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Fairview Microwave reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Fairview Microwave does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Fairview Microwave does not assume any liability arising out of the use of any part or documentation.

