

FMANOM1056 DATA SHEET

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

The FMANOM1056 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 FMANOM1056 is ideally suited for 802.11 protocols including 802.11ax as well as IoT, Zigbee and Bluetooth.

The Fairview Microwave high performance omni FMANOM1056 is a rugged antenna providing broad coverage, low latency, increased network capacity and 3 dBi gain. This NMO omnidirectional antenna is suitable for commercial radios and access points in public and private networks that are equipped with NMO Type connectors.

This Wi-Fi 6e FMANOM1056 omni antenna with NMO 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
Gain
Polarization
Connector Type
Number of Ports

Omni 2 dBi Vertical NMO 1

Electrical Specifications

Description	Min	Тур	Max	Units	
Frequency Range	617		7,125		
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

Size

 Size

 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:

- NMO 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 selfdriving cars, Fleet management, Logistics
- Public Safety Networks
- IoT, Industrial IoT, Zigbee, Bluetooth, Wi-Fi

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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, NMO 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, NMO Connector Black FMANOM1056

URL:

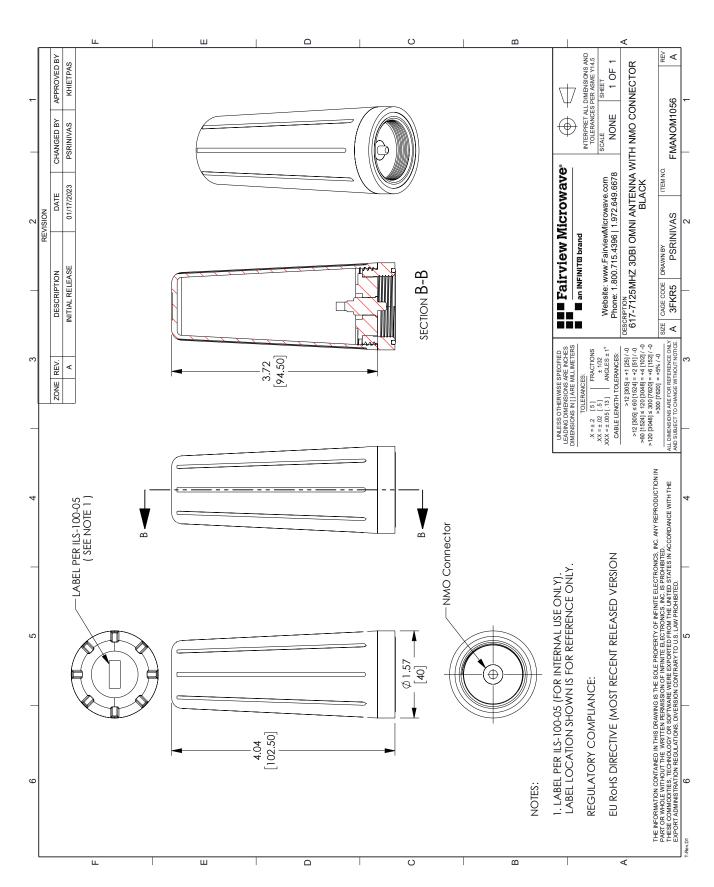
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