

2400-2500, 3300-3800, 5150-7125 MHz Flat Panel MIMO Antenna, 6 dBi Gain, 4 N Type Female Connectors

The FMANFP1042 Wi-Fi 6e Antenna from Fairview Microwave is a high performance directional antenna designed for the 2400 MHz to 7125 MHz bands and is available to ship same day. It is a UV protected, outdoor rated antenna with directional pattern. The FMANFP1042 is ideally suited for 802.11 protocols including 802.11ax as well as Zigbee, Bluetooth and is 4x4 MIMO capable.

The Fairview Microwave high performance FMANFP1042 is a rugged antenna providing broad coverage, low latency, increased network capacity and 6 dBi gain. This 4 port N Female directional 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 FMANFP1042 antenna with 4 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	Flat Panel
Gain	6 dBi
Polarization	Vertical
Cable Type	RG58/U
Cable Length	36 in [914.4 mm]
Connector Type	N Female
Number of Ports	4

Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	2,400		7,125	MHz
Input VSWR			2:1	
Impedance		50		Ohms
Input Power			20	Watts

Specifications by Frequency

Description	Band 1	Band 2	Band 3	Band 4	Band 5	Units
Range	2.4-2.5	3.3-3.8	5.15-7.125			GHz
Gain	6	6	6.5			dBi
Horiz. Beam Width	120	120	120			Degrees
Vert. Beam Width	60	60	55			Degrees



Features:

- N Type Female Connector
- 4 x Vertical Polarization
- 4x4 MIMO Functionality
- Outdoor Rated Flat Panel Antenna
- 2.4 GHz, 3 GHz, 5 GHz, 6 GHz Wi-Fi Bands
- 6 dBi gain

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
- CBRS Networks
- Zigbee, Bluetooth, Wi-Fi

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Mechanical Specifications

Radome Material UV Resistant ABS

Size

Length 11.41 in [289.81 mm]
 Width 7.2 in [182.88 mm]
 Height 2 in [50.8 mm]
 Weight 4 lbs [1.81 kg]
 Color White

Environmental Specifications

Temperature

Operating Range -40 to +70 deg C

Wind Loading 124 MPH [199.56 KPH]

Humidity 5 to 95

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

Plotted and Other Data

Notes:

2400-2500, 3300-3800, 5150-7125 MHz Flat Panel MIMO Antenna, 6 dBi Gain, 4 N Type Female Connectors 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: [2400-2500, 3300-3800, 5150-7125 MHz Flat Panel MIMO Antenna, 6 dBi Gain, 4 N Type Female Connectors FMANFP1042](#)

URL: <https://www.fairviewmicrowave.com/2400-2500-3300-3800-5150-7125-mhz-flat-panel-mimo-antenna-6-dbi-gain-4-n-type-female-connectors-fmanfp1042-p.aspx>

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