

2400-2500, 5150-7125 MHz Wi-Fi 6E Omni MIMO Antenna, 6 dBi Gain, 8 RP SMA Male Connectors

The FMANOM1062 Wi-Fi 6e Omni Antenna from Fairview Microwave is a high performance omnidirectional 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 omni-directional pattern. The FMANOM1062 is ideally suited for 802.11 protocols including 802.11ax as well as Zigbee, Bluetooth and is 8x8 MIMO capable.

The Fairview Microwave high performance omni FMANOM1062 is a rugged antenna providing broad coverage, low latency, increased network capacity and 6 dBi gain. This 8 port RPSMA Male omnidirectional antenna is suitable for commercial radios and access points in public and private networks that are equipped with Reverse Polarity SMA Type connectors.

This Wi-Fi 6e FMANOM1062 omni antenna with 8 RPSMA Male 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	6 dBi
Polarization	Vertical
Cable Type	RG58/U
Cable Length	36 in [914.4 mm]
Connector Type	SMA Male Reverse Polarity
Number of Ports	8

Electrical Specifications

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

Specifications by Frequency

Description	Band 1	Band 2	Band 3	Band 4	Band 5	Units
Range	2.4-2.5	5.15-7.125				GHz
Gain	6	6				dBi
Horiz. Beam Width	360	360				Degrees
Vert. Beam Width	45	30				Degrees



Features:

- Reverse Polarity SMA (RP-SMA) Male Connector
- 8 x Vertical Polarization
- 8x8 MIMO Functionality
- Outdoor Rated Omnidirectional Antenna
- 2.4 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
- Zigbee, Bluetooth, Wi-Fi

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Mechanical Specifications

Radome Material	UV Resistant ABS
Size	
Length	6.7 in [170.18 mm]
Width	5.8 in [147.32 mm]
Height	5.8 in [147.32 mm]
Weight	3.35 lbs [1.52 kg]
Color	White

Environmental Specifications

Temperature	
Operating Range	-40 to +70 deg C
Wind Loading	124 MPH [199.56 KPH]
Humidity	5 to 95
Ingress Protection	IP54

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

Plotted and Other Data

Notes:

2400-2500, 5150-7125 MHz Wi-Fi 6E Omni MIMO Antenna, 6 dBi Gain, 8 RP SMA Male 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, 5150-7125 MHz Wi-Fi 6E Omni MIMO Antenna, 6 dBi Gain, 8 RP SMA Male Connectors FMANOM1062](#)

URL: <https://www.fairviewmicrowave.com/2400-2500-5150-7125-mhz-wf-fi-6e-omni-mimo-antenna-6-dbi-gain-8-rp-sma-male-connectors-fmanom1062-p.aspx>

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