



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

Antennas Technical Data Sheet

PEANOM1058

Features

- N Type ale 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

Description

The PEANOM1058 Wi-Fi 6e Omni Antenna from Pasternack's 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 omnidirectional pattern. The PEANOM1058 is ideally suited for 802.11 protocols including 802.11ax as well as IoT, Zigbee and Bluetooth.

The Pasternack's high performance omni PEANOM1058 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 PEANOM1058 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 Pasternack's products.

Configuration

Design	Omni
Application Band	Wi-Fi 6E
Band Type	Dual
Radiation Pattern	Omnidirectional
Polarization	Vertical
Connector Type	N Female
Number of Ports	1

Electrical Specifications

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

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [617 to 7125 MHz Wi-Fi 6E Omni Antenna, 3 dBi Gain, N Female Connector Black PEANOM1058](#)



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Specifications by Band

Description	Band 1	Band 2	Band 3	Band 4	Band 5	Units
Range	0.617 to 0.96	1.71 to 7.125				GHz
Gain	2	5				dBi
Horizontal Beam Width	360	360				Degrees
Vertical Beam Width	60	45				Degrees

Mechanical Specifications

Radome Material

UV Resistant ABS

Size

Overall 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]

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:

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617 to 7125 MHz Wi-Fi 6E Omni Antenna, 3 dBi Gain, N Female Connector Black from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [617 to 7125 MHz Wi-Fi 6E Omni Antenna, 3 dBi Gain, N Female Connector Black PEANOM1058](https://www.pasternack.com/617-to-7125-mhz-wi-fi-6e-omni-antenna-3-dbi-gain-n-female-connector-black-peanom1058-p.aspx)

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