PASTERNACK
an INFINITE brand

2400-2500, 5150-5850, 6000-7125 MHz Flat Panel MIMO Antenna, 11 dBi Gain, 8 N Type Female Connectors

Antennas Technical Data Sheet PEANFP1045

Features

- N Type Female Connector
- 8 x Vertical Polarization
- 8x8 MIMO Functionality
- Outdoor Rated Flat Panel Antenna
- 2.4 GHz, 5 GHz, 6 GHz Wi-Fi Bands
- 11 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

Description

The PEANFP1045 Wi-Fi 6e Antenna from Pasternack's 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 PEANFP1045 is ideally suited for 802.11 protocols including 802.11ax as well as Zigbee, Bluetooth and is 8x8 MIMO capable.

The Pasternack's high performance PEANFP1045 is a rugged antenna providing broad coverage, low latency, increased network capacity and 11 dBi gain. This 8 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 PEANFP1045 antenna with 8 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	Flat Panel
Application Band	Wi-Fi 6E
Band Type	Multi
Radiation Pattern	Directional
Polarization	Vertical
Cable Type	RG58/U
Cable Length	36 in [914.4 mm]
Connector Type	N Female
Number of Ports	8
Lightning Protection	DC Ground

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	2,400		7,125	MHz
Input VSWR			2:1	
Impedance		50		Ohms
Input Power			50	Watts

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: 2400-2500, 5150-5850, 6000-7125 MHz Flat Panel MIMO Antenna, 11 dBi Gain, 8 N Type Female Connectors PEANFP1045

Pasternack Enterprises, Inc. • P.O. Box 16759, Irvine, CA 92623
Phone: (866) 727-8376 or (949) 261-1920 • **Fax:** (949) 261-7451
Sales@Pasternack.com • Techsupport@Pasternack.com

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Specifications by Band

Description	Band 1	Band 2	Band 3	Band 4	Band 5	Units
Range	2.4 to 2.5	5.15 to 5.85	6 to 7.125			GHz
Gain	9	11	11			dBi
Horizontal Beam Width	120	115	110			Degrees
Vertical Beam Width	28	15	12			Degrees

Mechanical Specifications

Radome Material	UV Resistant ABS
Size	
Overall Length	24.25 in [615.95 mm]
Width	19 in [482.6 mm]
Height	2.55 in [64.77 mm]
Weight	13.5 lbs [6.12 kg]
Color	White

Environmental Specifications

Temperature	
Operating Range	-40 to +70 deg C
Humidity	5 to 95

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

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2400-2500, 5150-5850, 6000-7125 MHz Flat Panel MIMO Antenna, 11 dBi Gain, 8 N Type Female Connectors 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.

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URL: https://www.pasternack.com/2400-2500-5150-5850-6000-7125-mhz-flat-panel-mimo-antenna-11-dbi-gain-8-n-type-female-connectors-peanfp1045-p.aspx

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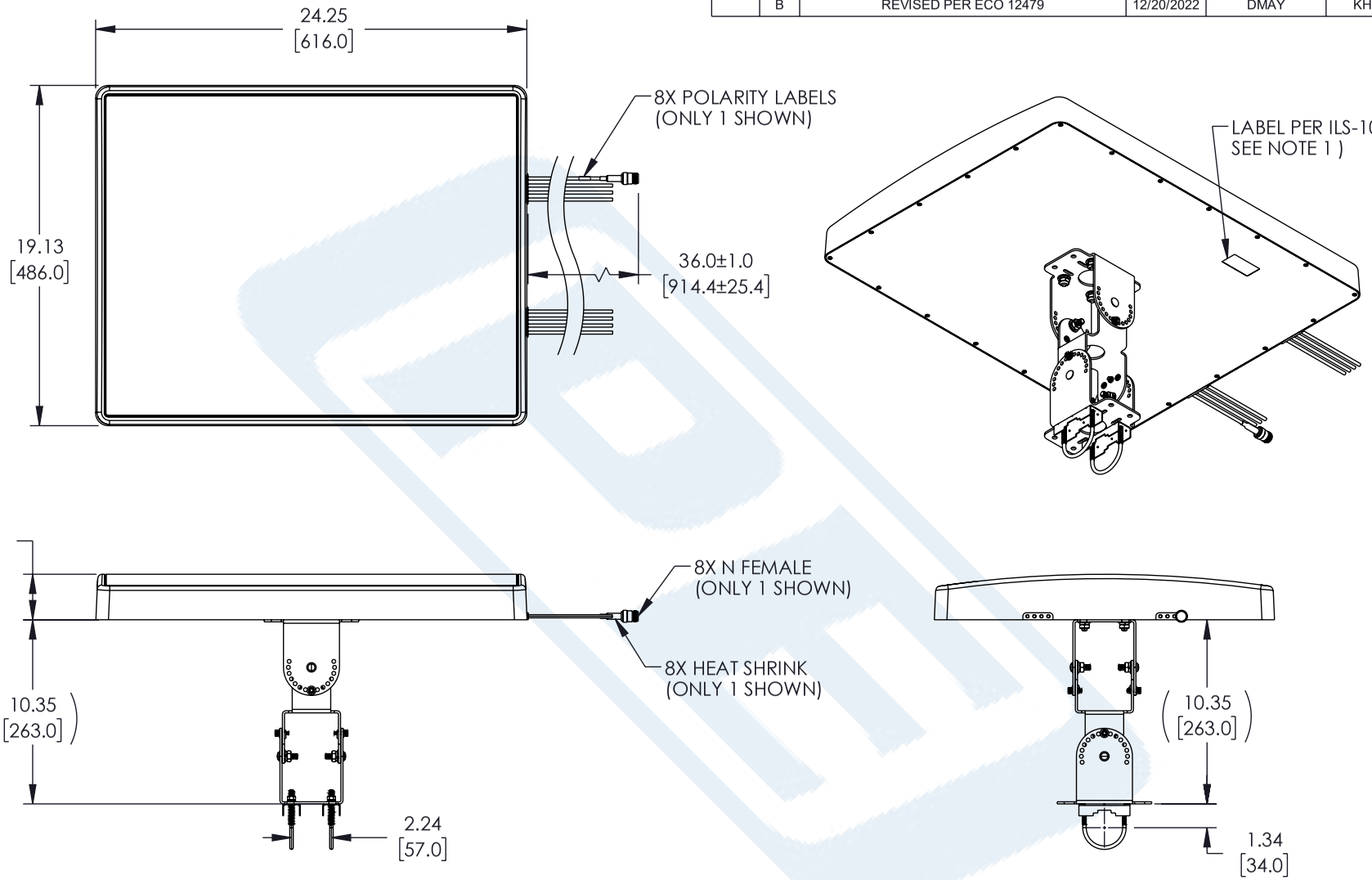
PEANFP1045 REV 1

REVISION					
ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	B	REVISED PER ECO 12479	12/20/2022	DMAY	KHIETPAS



NOTES:

1. LABEL PER ILS-100-03 (FOR INTERNAL USE ONLY).
 LABEL LOCATION SHOWN IS APPROXIMATE.

REGULATORY COMPLIANCE:

EU RoHS DIRECTIVE (MOST RECENT RELEASED VERSION).

UNLESS OTHERWISE SPECIFIED
LEADING DIMENSIONS ARE INCHES
DIMENSIONS IN [ ] ARE MILLIMETERS

TOLERANCES:

.X = ±.2 [5]
.XX = ± .02 [.5]
.XXX = ± .005 [.13]
FRACTIONS ± 1/32
ANGLES ± 1°

CABLE LENGTH TOLERANCES:

≤12 [305] = +1 [25] / -0
>12 [305] ≤ 60 [1524] = +2 [51] / -0
>60 [1524] ≤ 120 [3048] = +4 [102] / -0
>120 [3048] ≤ 300 [7620] = +6 [152] / -0
>300 [7620] = +5% / -0

ALL DIMENSIONS ARE FOR REFERENCE ONLY AND SUBJECT TO CHANGE WITHOUT NOTICE.

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Phone: 1.866.727.8376 | 1.949.261.1920

INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5

SCALE	SHEET
NONE	1 OF 1

DESCRIPTION
2400-2500 / 5150-5850 / 6000-7125MHZ 9 / 11 / 11DBI 8 LEADS
MIMO PANEL ANTENNA N FEMALE

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	53919	PSRINIVAS	PEANFP1045	B

PEANFP1045 CAD Drawing
2400-2500, 5150-5850, 6000-7125 MHz Flat Panel MIMO
Antenna, 11 dBi Gain, 8 N Type Female Connectors

T-Rev.D2