



Patch Panel Antenna Operates From 902 MHz to 928 MHz  
With a Nominal 8.5 dBi Gain N Female Input Connector

## Antennas Technical Data Sheet

PE51024

### Configuration

Design	Patch Panel
Frequency Range	902 to 928 MHz
Polarization	RHCP
Interface 1	N Female

### Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Impedance		50		Ohms
Gain	8.5			dBi
Horizontal Half Power Beam Width		68		Degrees
Vertical Half Power Beam Width		64		Degrees
Input VSWR			1.2:1	

### Mechanical Specifications

<b>Size</b>	
Length	10.24 in [260.1 mm]
Width	10.24 in [260.1 mm]
Height	1.73 in [43.94 mm]
Weight	2.932 lbs [1.33 Kg]

### Environmental Specifications

<b>Temperature</b>	
Operating Range	-40 to +85 deg C

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

### Plotted and Other Data

2 Dimensional OML Drawing	PE51024
Notes:	

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Patch Panel Antenna Operates From 902 MHz to 928 MHz With a Nominal 8.5 dBi Gain N Female Input Connector PE51024](#)



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Patch Panel Antenna Operates From 902 MHz to 928 MHz With a Nominal 8.5 dBi Gain N Female Input Connector 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.

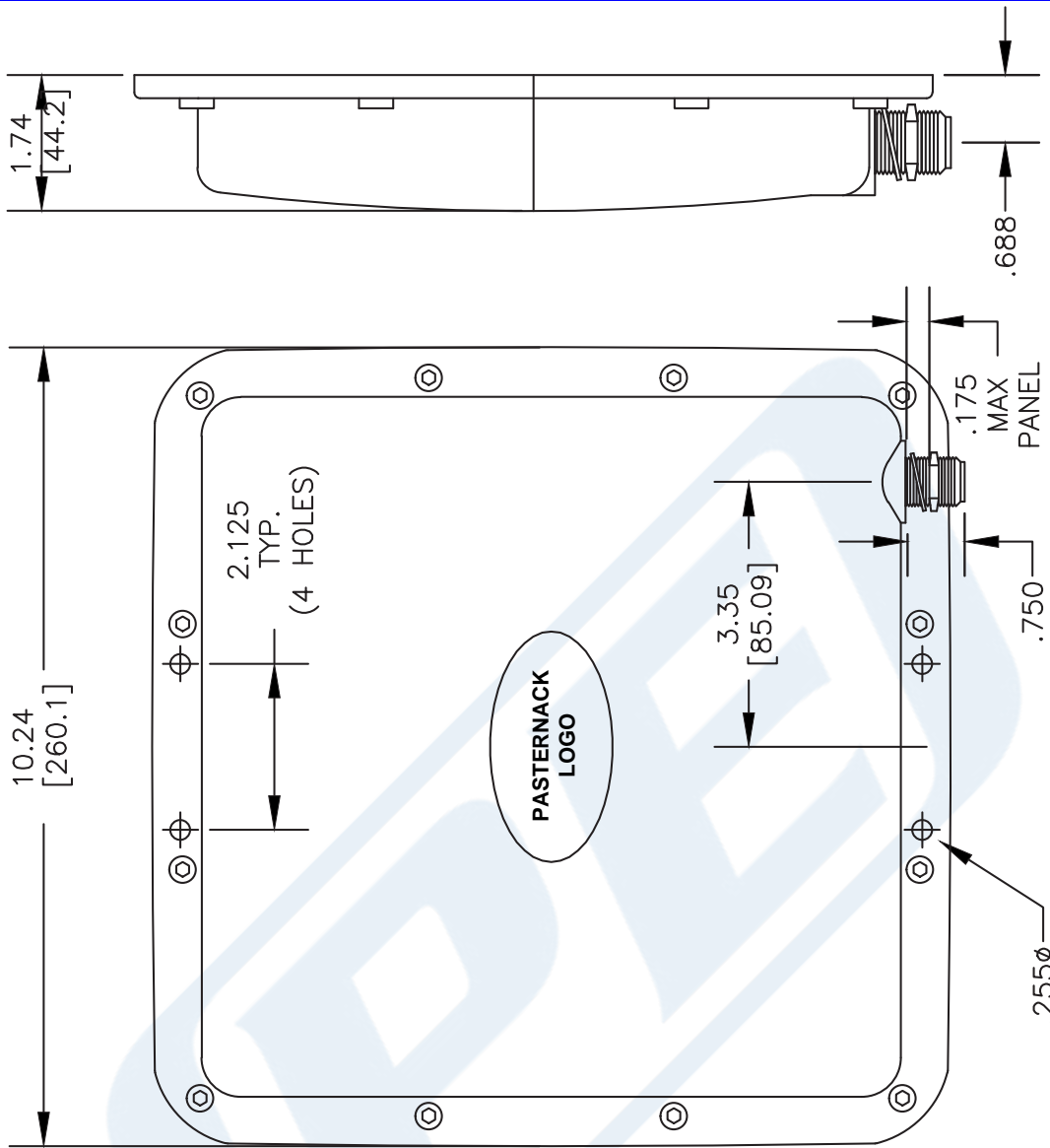
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Patch Panel Antenna Operates From 902 MHz to 928 MHz With a Nominal 8.5 dBi Gain N Female Input Connector PE51024](#)

URL: <https://www.pasternack.com/outdoor-ism-rfid-antenna-rhcp-n-female-8-dbi-pe51024-p.aspx>

The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Pasternack reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Pasternack does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack does not assume any liability arising out of the use of any part or documentation.

# PE51024 CAD Drawing

Patch Panel Antenna Operates From 902 MHz to 928 MHz With  
a Nominal 8.5 dBi Gain N Female Input Connector



- NOTES:
1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.
  2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.
  3. DIMENSIONS ARE IN INCHES [mm].
  4. FITS MIL-C-17 AND EQUIVALENT CABLES.

DWG TITLE  
**PE51024**

FSCM NO. 53919

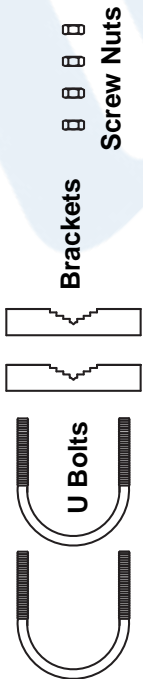
XXXX

SIZE A

SCALE N/A

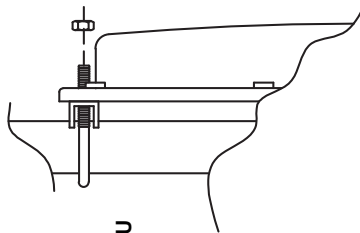
CAD FILE 042210-A

### Pole Mount Installation



1. PLACE THE U BOLTS AND BRACKETS ON POLE AS SHOWN.

2. PLACE THE ANTENNA ON THE U BOLTS AND SECURE USING PROVIDED NUTS.



3. ATTACH TO CABLE ASSEMBLY.

Included Hardware For Wall Mount



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