

## PE51024

### Product Features

- ISM & RFID Antenna
- 902-928 MHz Freq. Range
- 8.5dBi Gain
- Directional Radiation Pattern
- Greater than 15dB front to back ratio

902 TO 928 MHz OUTDOOR ISM &  
RFID ANTENNA; 8.5 dBi; Right  
Hand Circular Polarization



### Specifications <sup>(1)</sup>

Parameter	Value	Units	Description
Impedance	50	Ohms	
Frequency Range	902-928MHz	MHz	
Input VSWR	≤ 1.2	ratio	
Gain	8.5	dBic	
Polarization	RHC		Right Hand Circular
HPBW (3dB Beam width)	68 64	deg	@E-plane @H-plane
Height/Length	260 □	mm	(10.24"□)
Width	44	mm	(1.74")
RF Connector		N- Female	
Mast Diameter	23-46	mm	Diameter(.9-1.8 inches)
Operating Temperature	-40 to +85	Deg C	
Weight	855.5	grams	(est.)

### Ordering Information

Part Number	Description
PE51024	902 TO 928 MHz OUTDOOR ISM & RFID ANTENNA; 8.5 dBi; RHCP

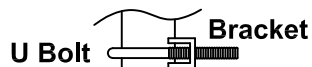
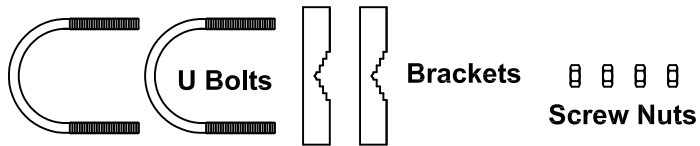
(1) Pasternack reserves the right to change specifications or information without notice.

(2) All Specs "typical" values

### SPECIFICATIONS

Frequency Range	902-928 MHz
Impedance	50 Ohm
VSWR	≤1.2
Gain	8.5 dBic
Front/Back Ratio	15dB
Polarization	Right Hand, Circular
Radiation Pattern	Directional
Pole Diameter	.9-1.8 in.
Connector	N Female
Weight	855.5 g (est)
Temperature Range	-40°C to +85°C

#### Pole Mount Installation

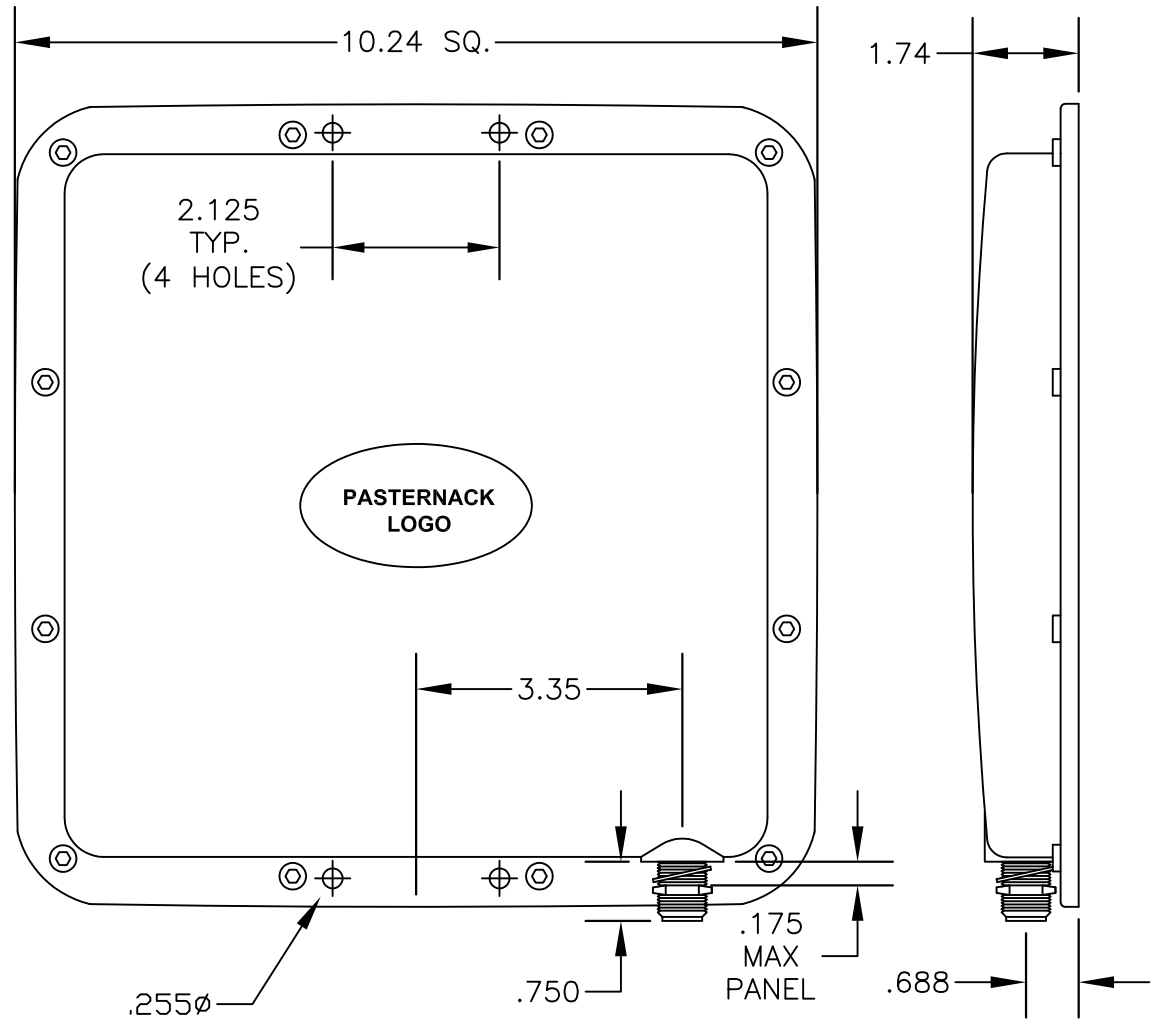


1. PLACE THE U BOLTS AND BRACKETS ON POLE AS SHOWN.

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

3. ATTACH TO CABLE ASSEMBLY.

Included Hardware For Wall Mount



**PASTERNAK ENTERPRISES, INC.**

P.O BOX 16759, IRVINE, CA 92623  
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**COAXIAL & FIBER OPTICS**

DWG TITLE

**PE51024**

DES.

902 TO 928 MHz OUTDOOR ISM & RFID ANTENNA; 8.5 dBi; RHCP

REV. A

**FSCM NO. 53919**

CAD FILE 042210

SCALE N/A

SIZE A 127

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.