

PE51025

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; LHCP



Specifications ⁽¹⁾

Parameter	Value	Units	Description
Impedance	50	Ohms	
Frequency Range	902-928MHz	MHz	
Input VSWR	≤ 1.2	ratio	
Gain	8.5	dBi	
Polarization	LHC		Left 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
PE51025	902 TO 928 MHz OUTDOOR ISM & RFID ANTENNA; 8.5 dBi; LHCP

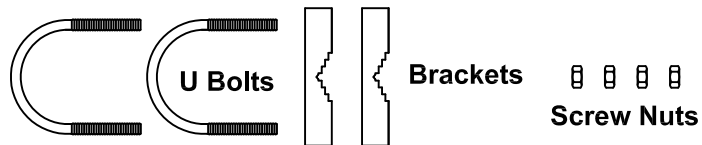
(1) Pasternack reserves the right to change specifications or information without notice.

(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	Left Hand, Circular
Radiation Pattern	Directional
Pole Diameter	1-1.8 in.
Connector	N Female
Weight	855.5 g (est)
Temperature Range	-40°C to +85°C

Pole Mount Installation



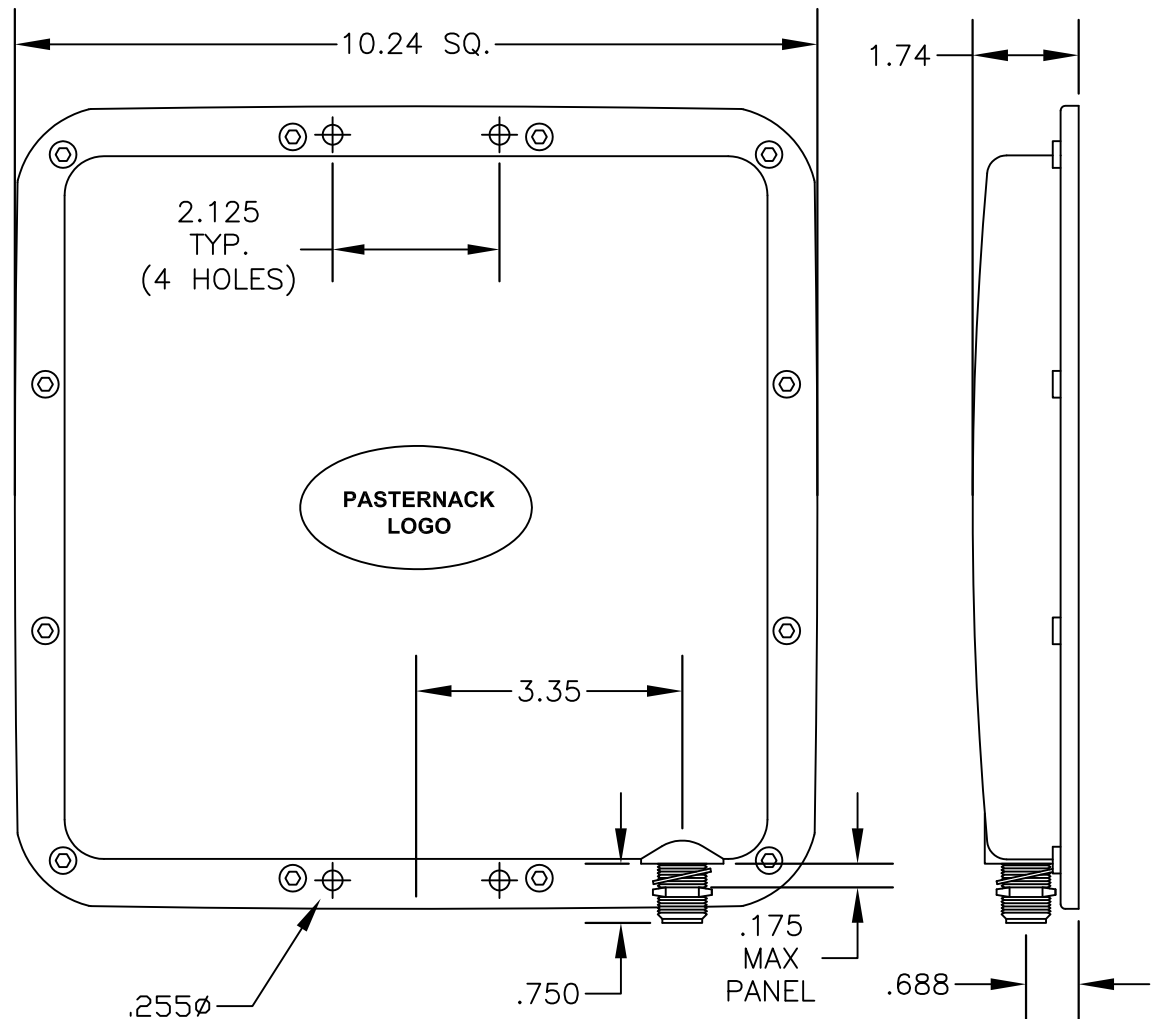
U Bolt Bracket

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
PHONE (949) 261-1920 FAX (949) 261-7451

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COAXIAL & FIBER OPTICS

DWG TITLE

PE51025

DES. 902-928 MHz DIRECTIONAL PANEL OUTDOOR
ANTENNA, 8.5 dBic LHCP

REV. A	FSCM NO. 53919	CAD FILE 041709	SCALE N/A	SIZE A	127
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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.