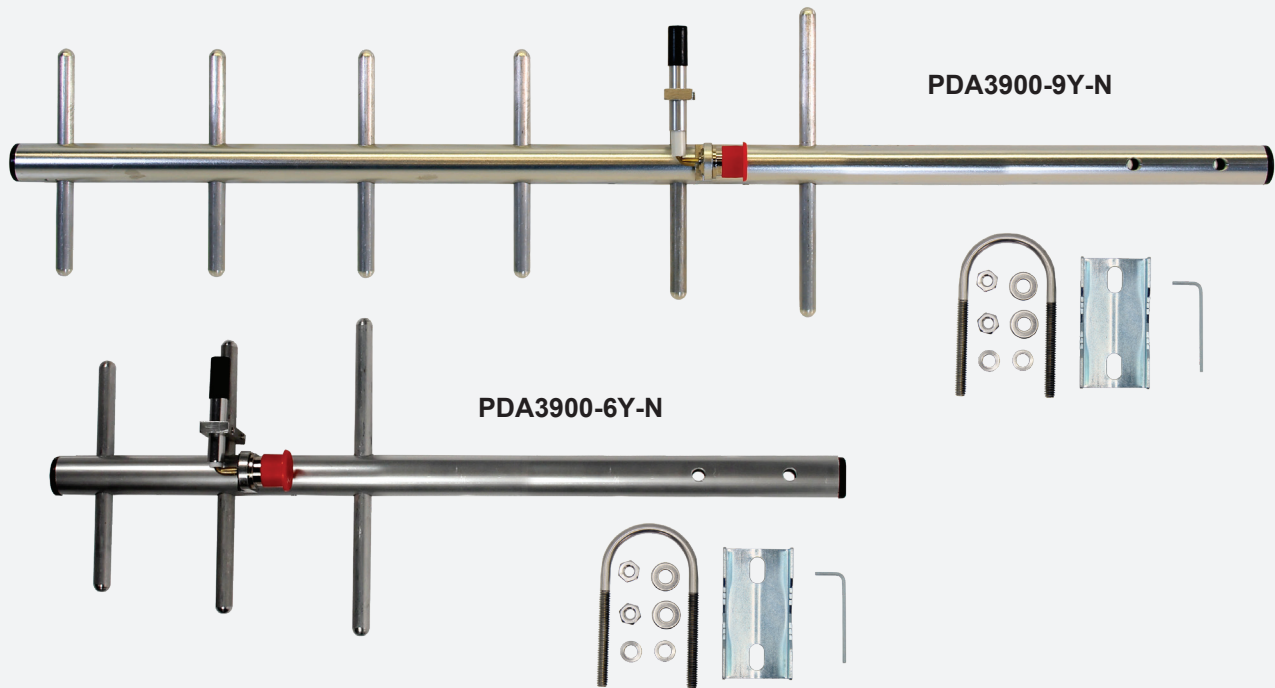


# PDA3900

Yagi High-Gain Directional Antenna with Mounting Kit



## INTRODUCTION

The PDA3900 yagi antennas are made to work with point-to-point and multi-point applications. These high gain antennas are ideal to use with Precision Digital's PDW series because they give you the flexibility of installing the antenna exactly where you need to bridge your point-to-point wireless process signals while keeping the PDW unit in a convenient location for monitoring. Each Yagi is factory tuned on a network analyzer for best power match and lowest VSWR, offering the best possible performance. The PDA3900 also comes complete with a mounting kit with stainless steel hardware.

## FEATURES

- Antennas are Fully Assembled
- All radial elements are secured to the boom with stainless steel hardware to prevent corrosion
- Tuned on a network analyzer for best power match and lowest VSWR
- All antennas ship complete with a mounting kit that includes stainless steel hardware

## SPECIFICATIONS

**Frequency:** 900 MHz

**Gain:** 6 or 9 dBd (based on model)

**Termination:** N-Female connector

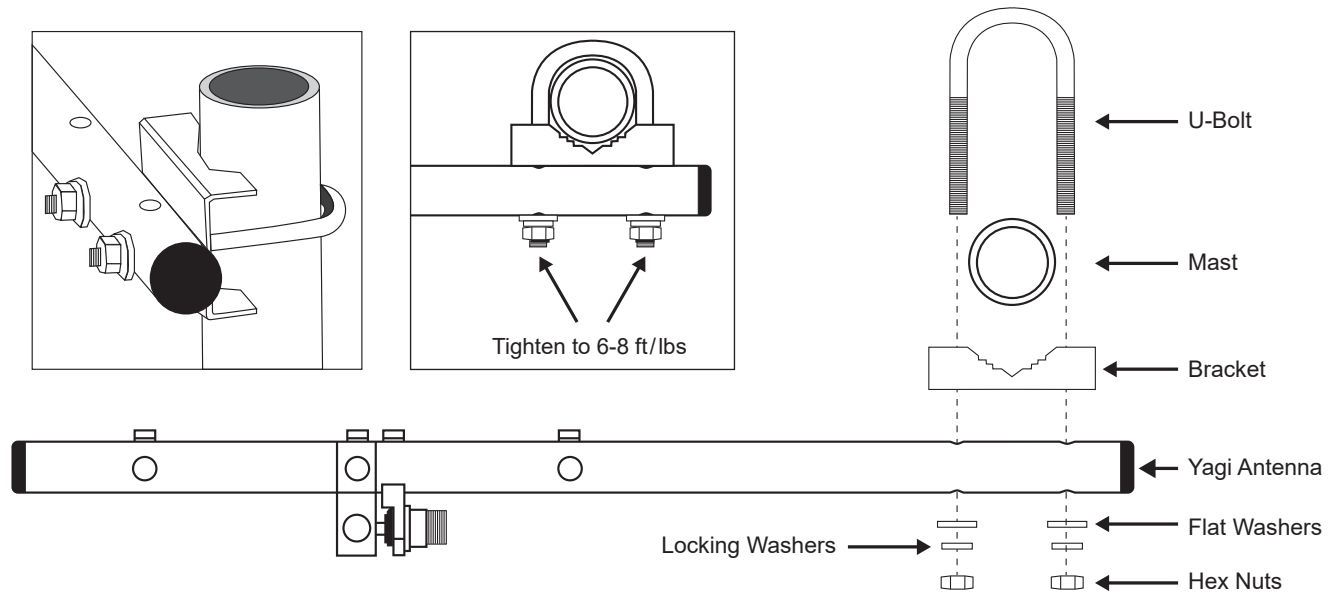
**Mounting Kit:** Included for 1 1/4" pipe

**Dimensions:** PDA3900-6Y-N: 17.125" (435 mm) x 6.875" (175 mm),  
PDA3900-9Y-N: 28" (711 mm) x 6.875" (175 mm)

**Weight:** PDA3900-6Y-N: 11.2 oz (318 g),  
PDA3900-9Y-N: 16.8 oz (476 g)

# PDA3900 Yagi High-Gain Directional Antenna with Mounting Kit

## MOUNTING



## CONNECTING THE YAGI ANTENNA TO THE PDW30 UNIT

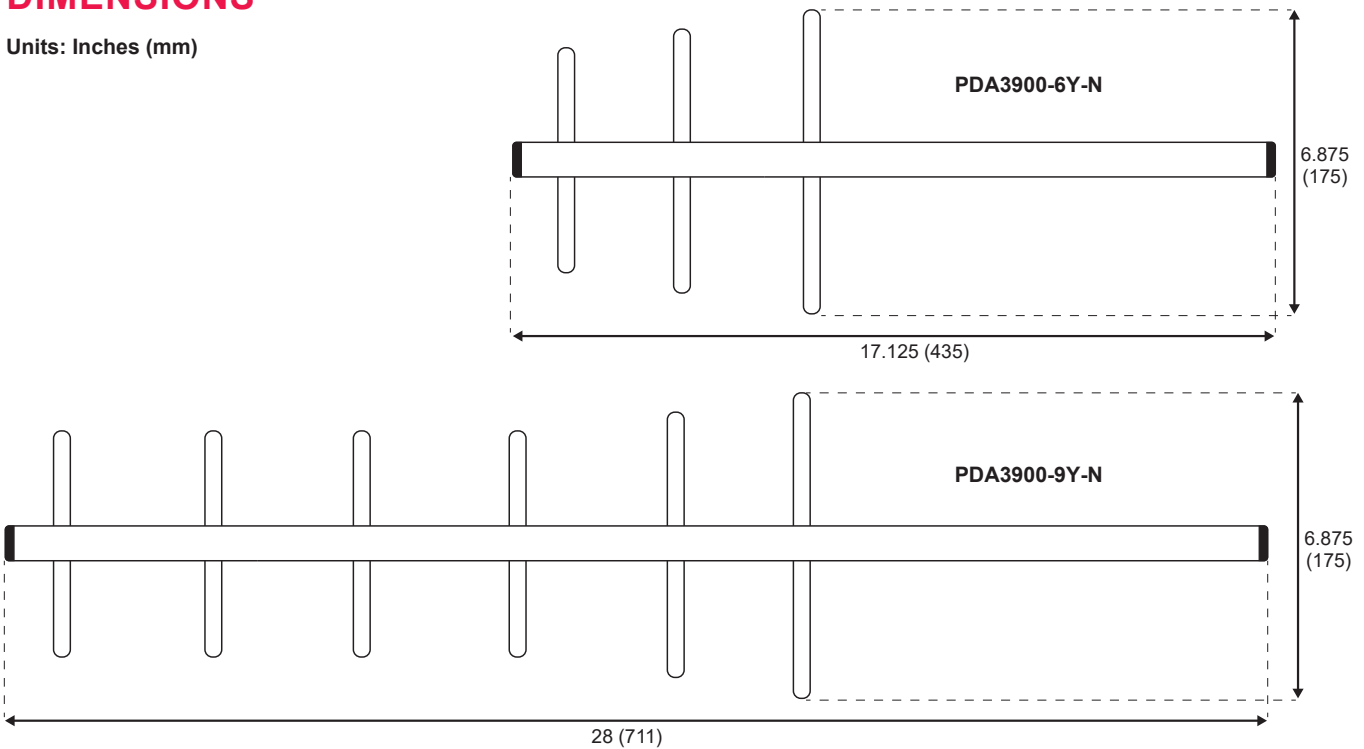


\*Included with the PDA3120-N or PDA3140-N Extension Cable **Caution:** Do not use excessive force when attaching coupler to PDW30 wireless module.

# PDA3900 Yagi High-Gain Directional Antenna with Mounting Kit

## DIMENSIONS

Units: Inches (mm)



## EXTENSION CABLE ACCESSORY

The PDA3120-N and PDA3140-N are 20 ft and 40 ft extension cables used to extend the distance between the yagi antenna and the PDW30 or PDW90 wireless units. The extension cable also comes with an antenna coupler to connect the PDW wireless device to the antenna extension cable, coax seal tape, and a 1/2" NPT cable gland.



### Disclaimer

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### ⚠ WARNING

Cancer and Reproductive Harm - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## ORDERING INFORMATION

PDA3900 Antenna Models	
PDA3900-6Y-N	Remote 6 dB Yagi High-Gain Directional Antenna
PDA3900-9Y-N	Remote 9 dB Yagi High-Gain Directional Antenna

Accessories	
Model	Description
PDA3120-N	20' RP-SMA F to N Male Extension Cable
PDA3140-N	40' RP-SMA F to N Male Extension Cable

Note: Extension cables include the following parts:

- (1) Antenna Coupler
- (1) Cable Gland
- (1) 8" Length of Coax Seal Tape
- (1) 1/2" NPT Cable Gland

**Your Local Distributor is:**