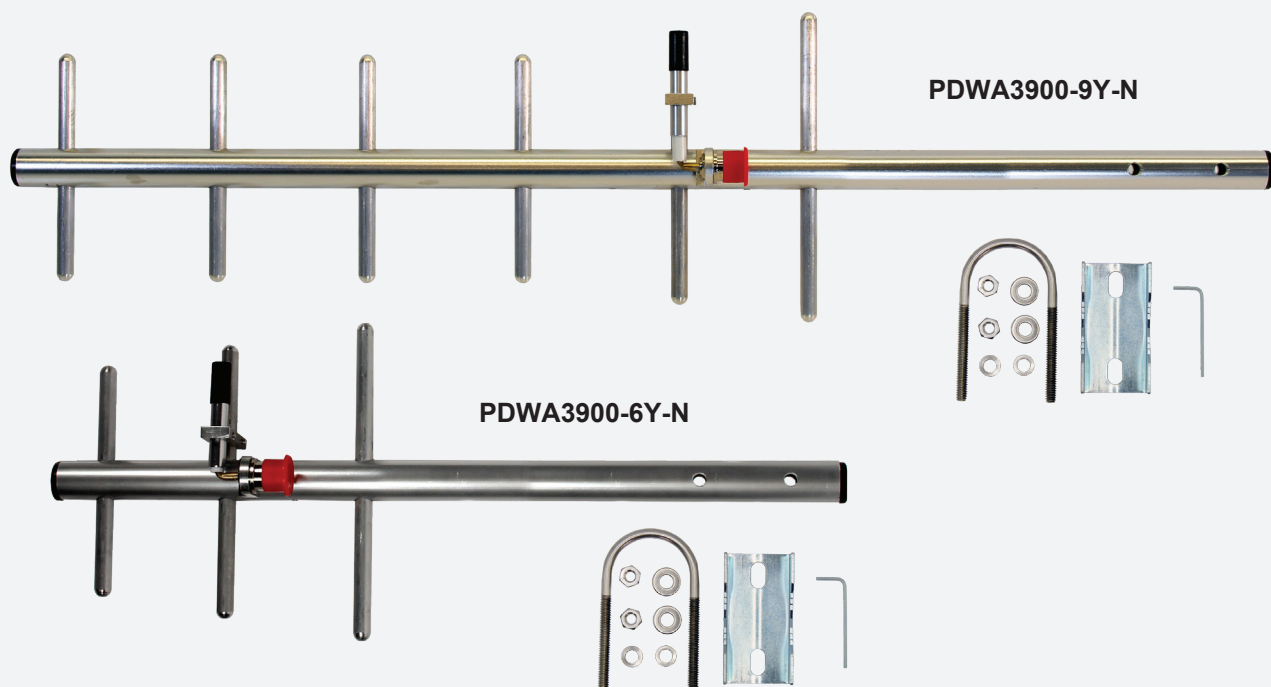


PDWA3900 Yagi High-Gain Directional Antenna w/Mounting Kit

Instruction Manual



INTRODUCTION

The PDWA3900 Yagi antennas are made to work with point-to-point and point to 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 or point to multi-point wireless process signals while keeping the PDW unit in a convenient location for monitoring.

Each Yagi antenna is factory tuned on a network analyzer for best power match and lowest VSWR, offering the best possible performance.

The PDWA3900 also comes complete with a mounting kit that includes stainless steel hardware.

Extension cable accessories are available to extend the distance between the Yagi antenna and the PDW30 or PDW90 wireless units. See Ordering Information for details.

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: PDWA3900-6Y-N: 6 dBd; PDWA3900-9Y-N: 9 dBd

Termination: N-Female connector

Mounting Kit: Included for 1 1/4" pipe

Dimensions:

PDWA3900-6Y-N: 17.125" x 6.875" (435 mm x 75 mm)

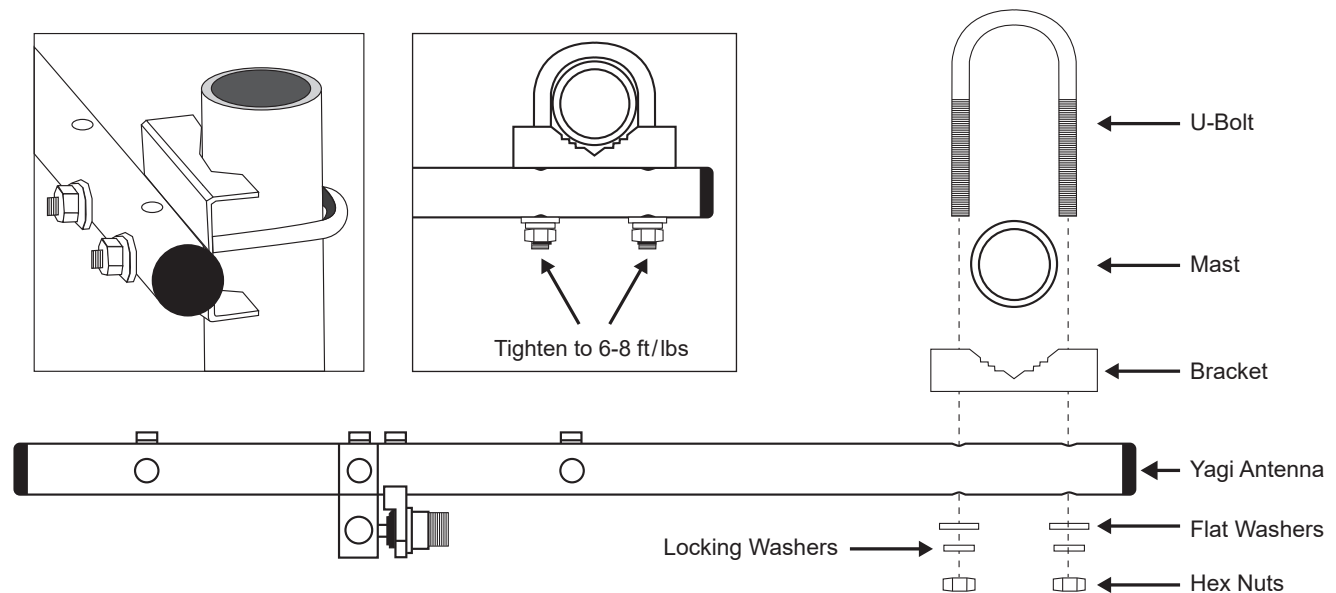
PDWA3900-9Y-N: 28" x 6.875" (711 mm x 175 mm)

Weight:

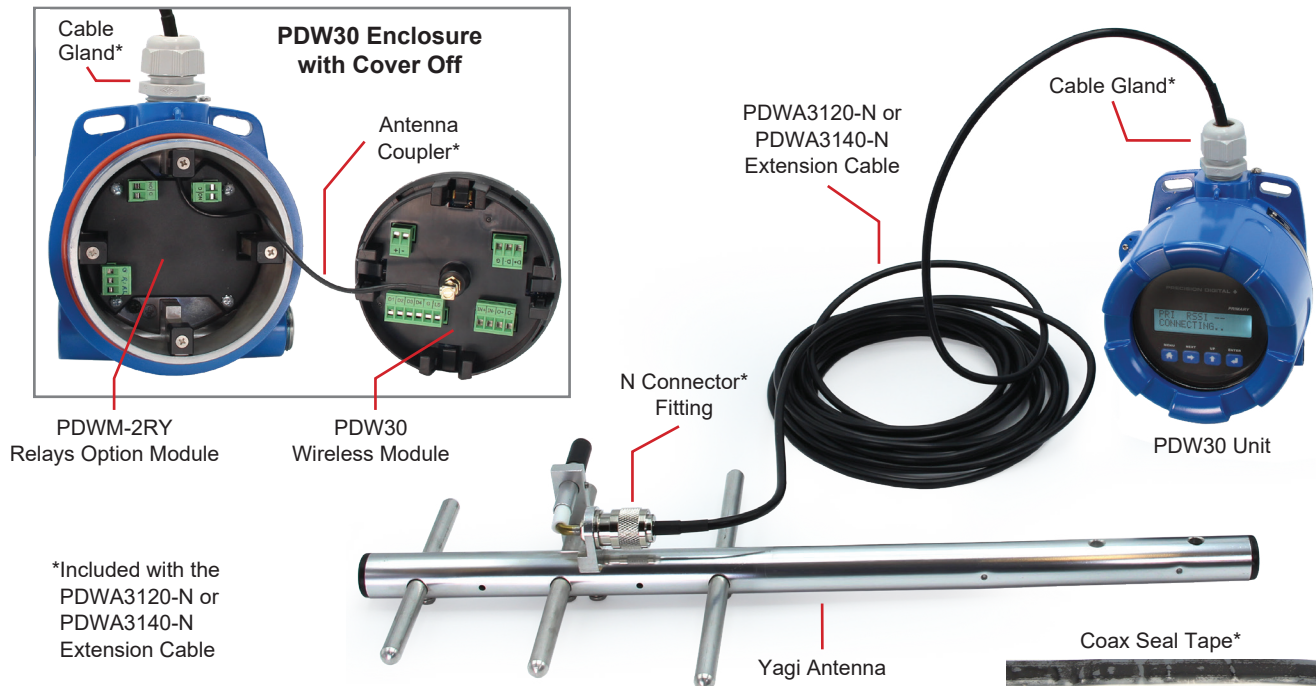
PDWA3900-6Y-N: 11.2 oz (318 g)

PDWA3900-9Y-N: 16.8 oz (476 g)

MOUNTING



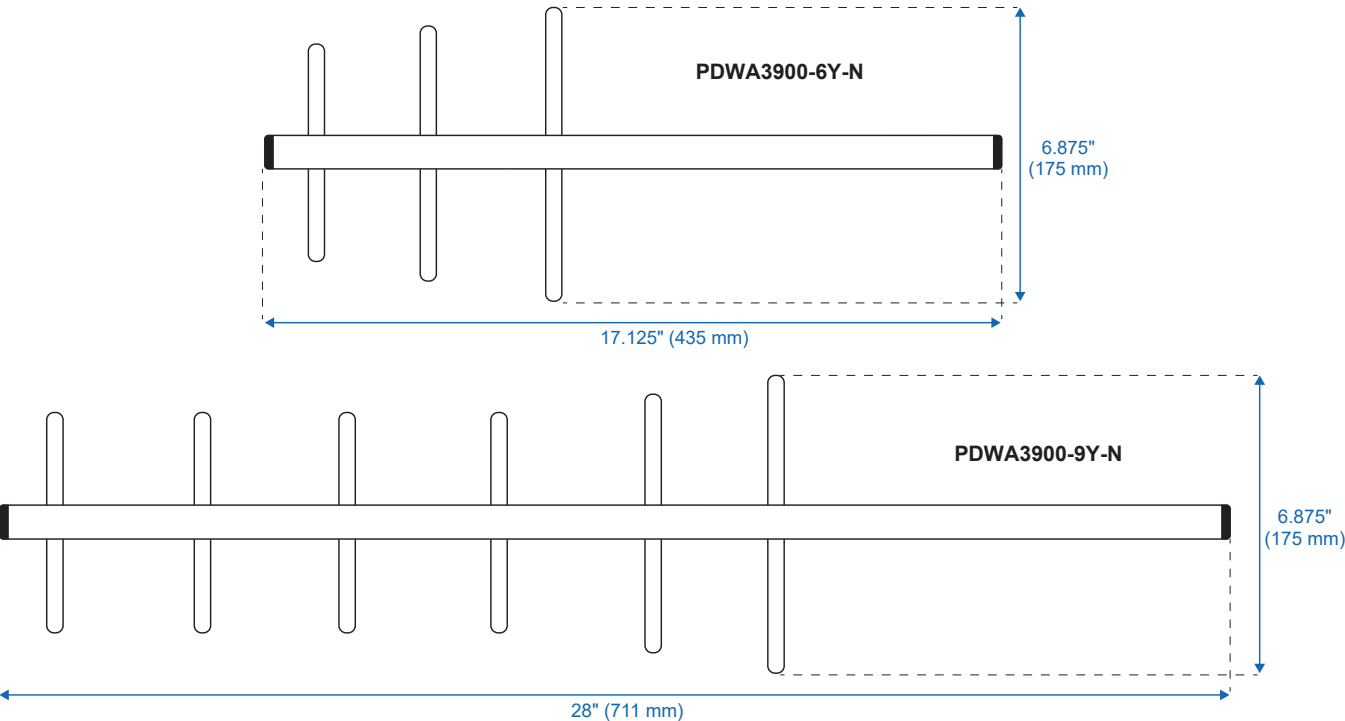
CONNECTING YAGI ANTENNA TO PDW30 OR PDW90 UNIT



CAUTION

- Do not use excessive force when attaching coupler to PDW30 wireless module.

DIMENSIONS



EXTENSION CABLE ACCESSORY

The PDWA3120-N and PDWA3140-N are 20-foot and 40-foot 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 3/4" NPT cable gland.



ORDERING INFORMATION

PDWA3900 Antenna Models	
PDWA3900-6Y-N	Remote 6 dB Yagi High-Gain Directional Antenna
PDWA3900-9Y-N	Remote 9 dB Yagi High-Gain Directional Antenna

Accessories	
Model	Description
PDWA3120-N	20-Foot RP-SMA F to N Male Extension Cable
PDWA3140-N	40-Foot RP-SMA F to N Male Extension Cable

Note: Extension cables include the following parts:

- (1) Extension Cable
- (1) Antenna Coupler
- (1) 8" Length of Coax Seal Tape
- (1) 3/4" NPT Cable Gland

WARNING

Cancer and Reproductive Harm - www.P65Warnings.ca.gov

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