

900MHz 6 dBi Yagi Directional Antenna Product Specifications

PC-ANT-DIR906

824-960 MHz

6 dBi

Horizontal or Vertical

100° (Typical)

60° (Typical)

14 dB

50 Ω

100 W

less than 1.5:1 average

1.56 lbs (0.71 kg)

14.2 in. (0.36 m) 2 in. (51 mm) diameter mast maximum

-40°C to 85° C (-40°F to 185°F)

DC Short

N-Female

135 mph (217 kmph)

Overview

The PC-ANT-DIR906 is a high-performance 900MHz 6dBi Yagi directional antenna ideally suited for Tempest BaseStation/transceiver and CrewCom transceiver applications. This antenna is especially useful when very specific coverage areas and minimized external interference are required.

Key Features

- 6 dBi of gain
- Anodized aluminum construction
- All weather operation
- Heavy-duty elements
- 15 in. (38.1 cm) low loss coax lead

Manufacturer Specifications*

- Can be installed for either vertical or horizontal polarization
 1/8 in. (0.32 cm) thick plated steel mounting plate
- RoHS compliant

Frequency

Polarization

Impedance

VSWR

Weight

Length

Mounting

Connector Wind Survival

Horizontal Beam Width

Operating Temperature

Lightning Protection

Vertical Beam Width

Front to Back Ratio

Max. Input Power

Gain

What's in the Box?

PC-ANT-DIR906 (1) 900MHz 6 dBi Yagi Directional Antenna and U-bolt mounting hardware

Accessories

- PC-ANTCABLE 4 ft. cable (1.23 m)
- PC-ANTCABLE-10 10 ft. cable (3.04 m)
- PC-ANTCAB-20UF 20 ft. cable (6.09 m)
- PC-ANTCAB-50UF 50 ft. cable (15.24 m)

Kits

• PAN-YA906-KIT

Includes (2) 900MHz 6 dBi Yagi Directional Antennas and all necessary mounting hardware and cables.

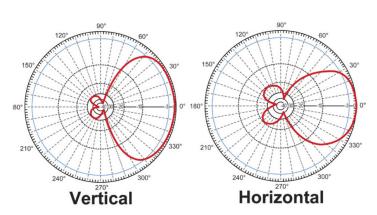


Figure 1: Vertical and Horizontal Polar Patterns

Wind Loading Data

Wind Speed	Loading
100	5.6 lbs (2.5 kg)
120	8.8 lbs (4 kg)
100 with 1/2" Radial Ice	8 lbs (3.63 kg)



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