



# CELLULAR



## FEATURES

- Directional Antenna
- Built-In Ground Plane
- Mounting Hardware Included
- For Fixed Installations



The 32" boom is the main part of the antenna, and is constructed of 1" square aluminum. There are 8 elements on the boom, which are riveted to the boom for added strength and durability.



The output coaxial connector is an "N" type female, and the feed system is a "T-Match" and is used for low loss and wide bandwidth. The antenna impedance is 50 Ohms, with 50 Watts of Max Power.



The pipe mount hardware is included with the purchase of a Wilson Cellular Antenna. The pipe mount is adjustable to accommodate pipe diameters from 1/2" to 1 1/2".



## SPECIFICATIONS

Part Number	301111
Frequency Range	806-894 MHz
Impedance	50 Ohms
Antenna Gain	13 dBi @ 855 MHz
Max Power	50 Watts
Radiation	Directional
Polarization	Vertical or Horizontal
Wavelength	2 Wavelength 806-894 MHz
Ground Plane	Built-In Ground Plane
Elements	8
Connector	N-Female
Material	Aluminum
Length	32.5"
Mount	Mounts on pipe with .5" to 1.5" Diameter

**Over 10 Times More Signal**  
than a Cellphone Without  
an External Antenna

**Single-Band**  
800 MHz Analog & Digital

