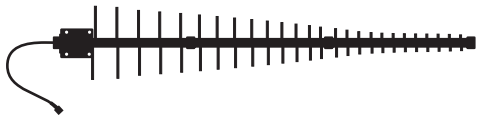


High Gain LPDA Antenna

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Package Contents



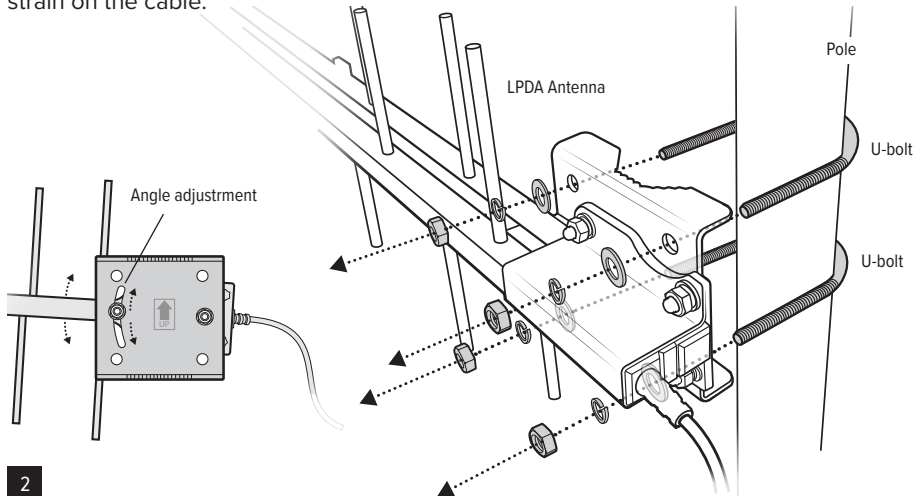
High Gain
LPDA Antenna
(311228)



U-Bolts

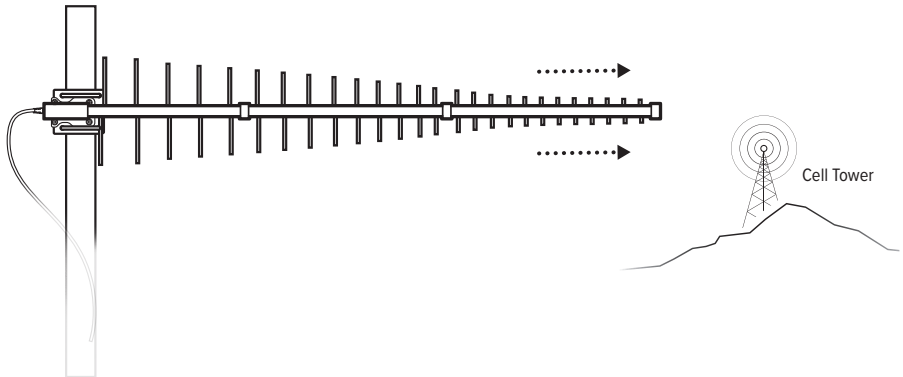
Mounting the Antenna

Pole mount included. Pole mounting is preferred because it will be easier to adjust to the direction of the cell tower. Use the U-Bolts to attach the Antenna to a pole or exhaust pipe. Note: After mounting the antenna, fix any loose cable to the pole to avoid strain on the cable.



Point the Antenna Toward Desired Cell Phone Tower

To determine tower location use signal meter. This is important to the installation process because it will determine the overall performance of the booster system.



Safety Guidelines & Specifications

RF Safety Warning: Any antenna used with this device must be located at least 8 inches from all persons.

AWS Warning: The Outside Antenna must be installed no higher than 32 feet 9 inches (10 meters) above ground.

Electrical Specifications					
Frequency Band (MHz)	698-806	806-960	1710-1880	1900-2200	2200-2700
Peak Gain (dBi)	12.0	12.0	12.9	13.1	11.2
VSWR	<2:1		<2:1		
Polarization	Linear				
Half-Power Azimuth Beamwidth (°)	60	60	38	46	44
Half-Power Elevation Beamwidth (°)	46	42	30	34	34
Impedance (Ω)	50				
Maximum Power (W)	50				

Mechanical Specifications	
Model	311228
Connector	N-Female
Length (in.)	44
Weight (lbs)	3.5
Radiator Material	Aluminum
Rated Wind Velocity (Mph)	130
Pole Mount (in.)	1.5 - 2

✔ 2 YEAR WARRANTY

Wilson Electronics Signal Boosters are warranted for two (2) years against defects in workmanship and/or materials. Warranty cases may be resolved by returning the product directly to the reseller with a dated proof of purchase.

Antennas may also be returned directly to the manufacturer at the consumer's expense, with a dated proof of purchase and a Returned Material Authorization (RMA) number supplied by Wilson Electronics. Wilson Electronics shall, at its option, either repair or replace the product. Wilson Electronics will pay for delivery of the repaired or replaced product back to the original consumer if located within the continental U.S.

Replacement products may include refurbished Wilson Electronicst products that have been recertified to conform with product specifications.

This warranty does not apply to any antennas determined by Wilson Electronics to have been subjected to misuse, abuse, neglect, or mishandling that alters or damages physical or electronic properties.

RMA numbers may be obtained by contacting Technical Support at 866-294-1660.

DISCLAIMER: The information provided by Wilson Electronics, LLC is believed to be complete and accurate. However, no responsibility is assumed by Wilson Electronics, LLC for any business or personal losses arising from its use, or for any infringements of patents or other rights of third parties that may result from its use.

MARKETING APPROVAL: Installer and end customer hereby grants to Wilson Electronics the express right to use installers or end customers company logo in marketing, sales, financial, and public relations materials and other communications solely to identify Customer as a Wilson Electronics customer.



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NOT AFFILIATED WITH WILSON ANTENNA

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