

Dual-Polarity Dome Antenna Part# 301123

This package contains: Dual-Polarity Dome Antenna, antenna installation kit, template with instructions for installing on the ceiling and for installing on the wall. See reverse side for installation template.

TECHNICAL SUPPORT
Call Toll-Free 866-294-1660
E-mail tech@wilsonelectronics.com
Visit www.wilsonelectronics.com

Specifications

Part Number	301123	
Frequency Range	800 MHz	900 MHz
Nominal Gain	5.2 dBi	4.0 dBi
Beamwidth Horizontal Plane	360°	
Beamwidth Vertical Plane	150°	
Polarization	Horizontal and Vertical	
Impedance	50 ohms	
VSWR	1.5 : 1	
Connector	N-Female	
Diameter	7.72 (inch) / 19.6 (cm)	
Weight	0.69 lbs / 0.31 kg	



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For additional technical support visit
www.wilsonelectronics.com
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Part # 301123 Dual-Polarity Dome Antenna Installation Instructions and Guide

cable
notch

The Dual-Polarity Dome Antenna can be installed
on the wall or ceiling.

screw
location




Find desired location for the dome antenna. Verify the dome antenna and the outside antenna have necessary separation (see amplifier instructions for separation requirements).

The dome antenna must be installed at least seven feet above the floor.

Place the template where the dome antenna will be installed.

Attach the template with masking tape or other suitable adhesive tape. NOTE: make sure holes that need to be drilled are NOT over a ceiling or wall stud.

If you would like to run the cable into the ceiling or wall, drill a one inch hole in the middle of the template indicated by . The dome antenna has a notch on the edge of the antenna (see the top of the template) where cable can be run, so drilling a hole is not necessary.

Included are two (2) sets of installation screws; A) 3 bolts with nuts and washers, B) 3 self-starting screws.

A) If using the included bolts, drill a 1/8" hole through each of the three small circles marked "screw location". Remove template, attach the amplifier cable to the dome antenna, put the bolts through the drilled holes and tighten down with included nuts and washers. Be careful not to over tighten.

B) If using the self-starting screws, mark the screw locations, remove the template and attach the amplifier cable to the dome antenna. Place the dome antenna flush against the wall or ceiling and screw in the self-starting screws until snug. Be careful not to over tighten.

For any questions or comments, please
contact technical support toll free at
866-294-1660 or tech@wilsonelectronics.com

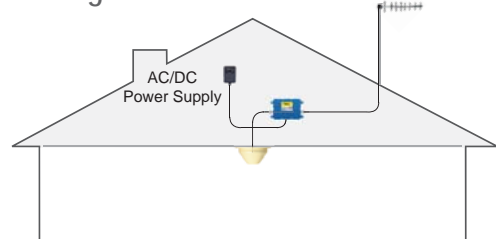
screw
location



screw
location



Ceiling Installation



Wall Installation

