

Dual-Band Dome Antenna Part# 301121

This package contains: Dual-Band Dome Antenna, antenna installation kit, and a template with instructions for installing on the ceiling. 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	301121
Frequency Range	800~910 MHz / 1800~1990 MHz
Gain	2.5 dBi
Polarization	Vertical
Max Power	50 watts
Impedance	50 ohms
Connector	N-Female
Diameter	8 (inch) / 20.32 (cm)



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For additional technical support visit
www.wilsonelectronics.com
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Part # 301121
Dual-Band Dome Antenna
Installation Instructions and Template

The Dual-Band Dome Antenna is designed for horizontal installation on a ceiling. It is not designed for a vertical or slanted surface, such as a wall.

screw
location



screw
location



Select a location on the ceiling that you can access from above to run the antenna cable. Verify that your chosen location allows for the necessary separation between the dome antenna and the outside antenna (see amplifier installation instructions for antenna separation requirements).

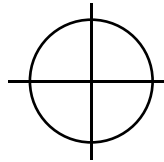
Tape this template in the selected antenna location. NOTE: ensure that the cable connector location (marked by ⊕) is NOT below a ceiling stud. Drill a 5/8-inch hole in the template at the spot marked ⊕. Feed the cable from above through the hole.

Included are two sets of mounting hardware: A) 3 bolts with nuts and washers, B) 3 self-starting screws, and 3 mounting plugs.

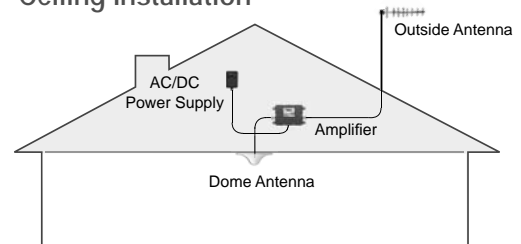
A) If using the bolts, drill a 1/8" hole through each of the small circles marked "screw location." Remove template from the ceiling, attach the dome antenna to the amplifier cable, insert the bolts through the drilled holes, and tighten against the ceiling with the enclosed nuts and washers. Snap the plugs into place on the mounting holes.

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 antenna flush against the ceiling and screw in the self-starting screws until snug. Be careful not to over-tighten. Snap the plugs into place on the mounting holes.

If you have any questions about the installation procedure, please contact our Technical Support Department toll free at 866-294-1660 or email tech@wilsonelectronics.com.



Ceiling Installation



screw
location