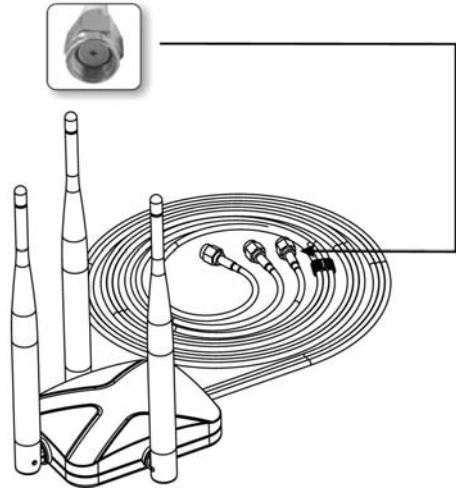


ProSafe 5dB Omni-directional Indoor 3x3 Antenna ANT32405

Package Contents

- ProSafe 5dB Omni-directional Indoor 3x3 Antenna ANT32405
- Wall-mounting kit
- *Installation Guide* (this guide)
- Warranty/Support card

Front View

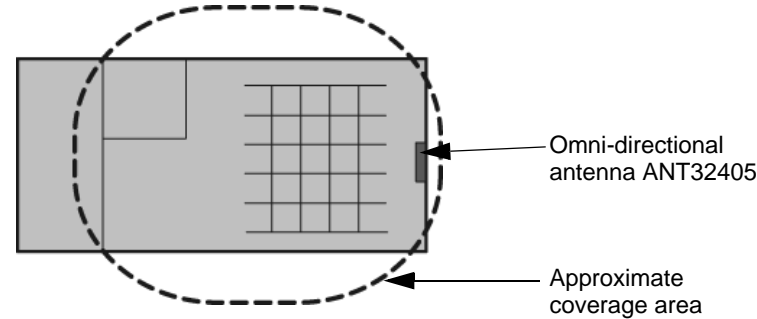


Note: For optimal results in extending wireless range with antenna installations, consult a qualified professional installer service for a site survey and proper installation. For a list of devices approved by the FCC for use with the antenna, see the NETGEAR website at http://tools.netgear.com/legal/fcc_antennas.html.

Antenna Placement and Location

To maximize coverage and performance, place the antenna within the line of sight of your wireless devices. Minimize partitions and objects that block the line of sight if possible. The antenna can be placed on a flat surface, wall mounted, or magnet mounted.

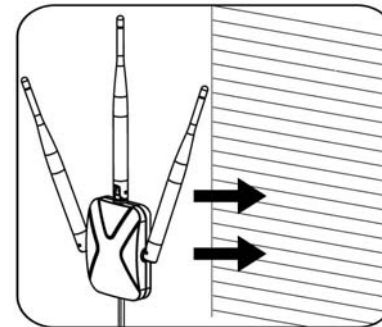
- If wall-mounting, place the antenna on an interior wall above cubicles (cubicles generally include a metal foil). Ideal placement is 2 meters (6.5 feet) high.



- If the wireless access point, router, or gateway, is in an IT room, place the antenna outside the room against a wall and close to the ceiling.

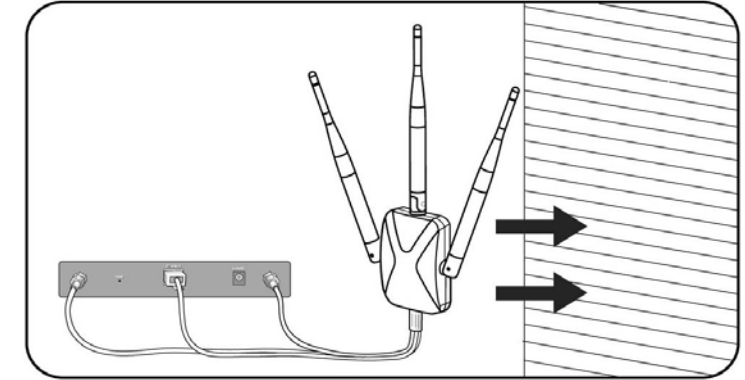
The area close to, behind, or beside the antenna will be covered, because the dynamic range of the WLAN transmitter/receiver and antenna is approximately 100 dB. Even with 20 dB to 40 dB or attenuation, the signal strength is still strong and communication is maintained.

- The antenna has magnets in the base, which can be used to mount it on metal cabinets, white boards, or even the ceiling cross bars (the framework that holds the ceiling panels up).



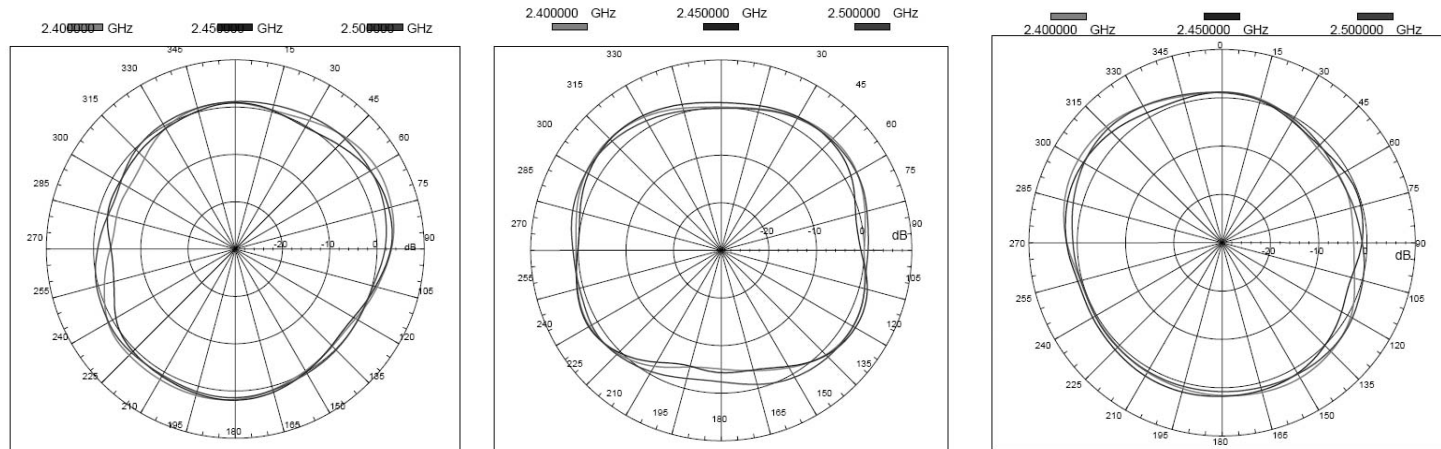
Connecting the Antenna

Turn off your wireless access point, and connect your ANT32405 antenna. If your wireless access point is new, follow the access point installation instructions. If you are upgrading an existing access point, turn it on again.



ProSafe 5dB Omni-directional Indoor 3x3 Antenna ANT32405 Specifications	
Frequency range	2.4~2.5GHz
Impedance	50 ohm
Gain	5dBi@ 2.45 GHz (excluding cable loss) Cable loss can be up to 2dBi max
Operating temperature	-10 to 60° C (14 to 140° F)
Storage temperature	-10 to 70° C (14 to 158° F)
Humidity	95% RH
Dimensions (l x w x h)	100 x 65 x 175 mm (4 x 2.6 x 6.9 in)
Weight	237 grams (8.35 oz)
Connector	Reverse N female
Warranty	2 year

Radiation Patterns



Technical Support

Thank you for selecting NETGEAR products.

After installing your switch, locate the serial number on the label of your product and use it to register your product at <http://www.NETGEAR.com/register>. Registration is required before you can use our telephone support service. Registration via our website is strongly recommended.

Go to <http://kbserver.netgear.com> for product updates and Web support. For Warranty and Customer Support information see the Customer Support card that came with your product.

Statement of Conditions

In the interest of improving internal design, operational function, and/or reliability, NETGEAR reserves the right to make changes to the products described in this document without notice. NETGEAR does not assume any liability that may occur due to the use or application of the product(s) or circuit layout(s) described herein.

Federal Communications Commission (FCC) Compliance Notice: Radio Frequency Notice

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference received, including interference that may cause undesired operation.

To comply with FCC regulations, the ANT32405 should only be used with devices that have been FCC approved for use with the NETGEAR ANT32405. Check the NETGEAR website at http://tools.netgear.com/legal/fcc_antennas.html for an updated list of FCC approved devices.

Note: This equipment has been tested and found to comply with the limits for Class B digital devices, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures: (1) Reorient or relocate the receiving antenna; (2) Increase the separation between the equipment and receiver; (3) Connect the equipment to an outlet or circuit different from that to which the receiver is connected; (4) Consult the dealer or an experienced radio/TV technician for help.

FCC and EU Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. To avoid the possibility of exceeding the FCC radio frequency exposure limits, human proximity to the antenna must be less than 20 cm (8 inches) during normal operation.

This device should not be co-located with other transmitters.

For EU, use of any antenna requires careful planning and extra considerations to comply with EU emissions and health standards and regulations. Antenna installation must comply with the maximum level authorized by each country.



This symbol was placed in accordance with the European Union Directive 2002/96 on the Waste Electrical and Electronic Equipment (the WEEE Directive). If disposed of within the European Union, this product should be treated and recycled in accordance with the laws of your jurisdiction implementing the WEEE Directive.

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