

Overview

Designed to blend seamlessly into any environment, the SureCall Ultra Thin Antenna™ is a low-profile ceiling-mount dome antenna for in-building cell phone signal boosters.

The ultra wide band indoor antenna transmits and receives signal in a 360 degree pattern and is designed to cover 2G/3G/4G/5G and WLAN systems for Cellular, PCS, AWS and LTE frequencies.

- » N-Female connector (50 Ω)
- » 2 / 4 / 6 dBi Max Gain
- » Wide band: 2G, 3G, 4G & 5G (617 - 2700 MHz)
- » Includes mounting hardware
- » Connects to booster with SC-400 cable (sold separately)



Specifications

| | |
|-------------------|--|
| Frequency | 617-697 / 698-960 / 1710-2700 MHz |
| Beamwidth | H:360° E:80° / H:360° E:80°/H:360° E:45° |
| Max.Gain | 2 / 4 / 6 dBi |
| VSWR | <2 |
| Input Impedance | 50 Ω |
| Polarization Type | Vertical |
| Max Power | 50W |
| Beamwidth | 360° |
| Radiation Pattern | Omni-directional |
| Connector Type | N-Female |
| Mount Type | Ceiling |
| Height | 2.11 in (53.5 mm) |
| Diameter | 12.2 in (310 mm) |
| Weight | 1.21 lbs (550 g) |
| Cover Material | PC+ABS |
| Operating Temp. | -45°F to +108°F |

Install Guidelines

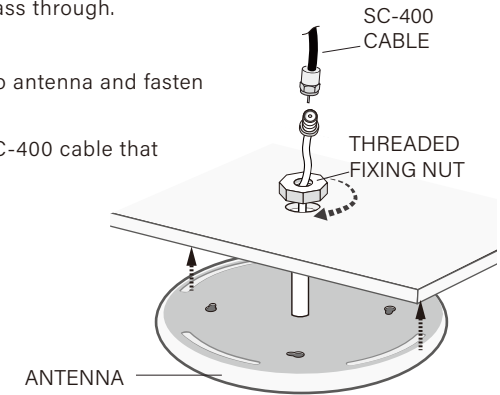
In addition to the antenna, mounting options are included for installations with or without a crawl space. Be sure to deploy the antenna in an area central to your desired indoor signal coverage where there are minimal obstacles. Ultimately, the in-building range of this antenna depends on three factors:"

1. Physical obstructions
2. Power generated by booster
3. Signal level received by the outdoor antenna

Installation

If accessible by crawl space:

1. Drill a 20 mm diameter hole in the ceiling. The size should be large enough to allow the antenna's plastic cable base to pass through.
2. Place antenna cable through hole.
3. From crawl space, screw the fixing nut onto antenna and fasten around the threaded plastic cable base.
4. Connect female antenna connector with SC-400 cable that leads to your booster port marked INSIDE.



If not accessible by crawl space:

1. Drill a 20 mm diameter hole in the ceiling. The size should be large enough to allow the antenna's plastic cable base to pass through.
2. Use metal mounting plate to align, mark and drill 3 holes into ceiling surface and insert provided anchors.
3. Secure metal mountings plate to ceiling by inserting provided screws through mounting plate (with interlocking pegs facing down) and into ceiling anchors.
4. Push antenna to bracket surface allowing cable to pass through ceiling. Align keyhole mounts on the antenna with down-facing pegs and twist into place.
5. Connect female antenna connector with SC-400 cable that leads to your booster port marked INSIDE.

