

SureCall Dome Antenna (SC-522W)

Ultra Wide Band Dome Inside Antenna

Overview

Designed to provide strong omni-directional coverage throughout indoor areas, the SureCall Dome Antenna is a ceiling-mounted inside antenna that performs best when deployed in the center of one's desired coverage area.

This wide band antenna transmits and receives signals in 360° and is designed to cover 2G/3G/4G/5G and WLAN systems for Cellular, PCS, AWS and LTE frequencies.

- » N-Female connector (50 Ω)
- » 1.5 / 2 / 5 dBi Max Gain
- » Wide band: 2G, 3G, 4G & 5G (617 - 2700 MHz)
- » Ceiling-mounted indoor antenna



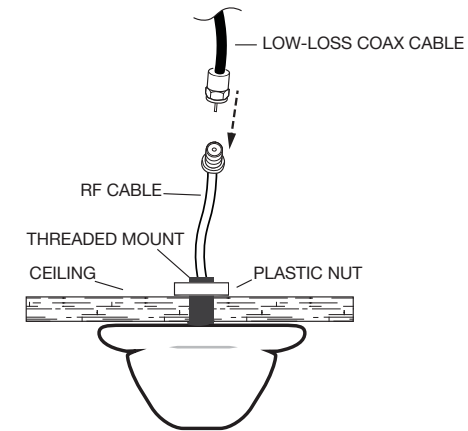
Specifications

Frequency	617-697 / 698-960 / 1710-2700 MHz
Beamwidth	H:360° E:85° / H:360° E:85°/H:360° E:45°
Max. Gain	1.5 / 2 / 5 dBi
VSWR	<2
Input Impedance	50 Ω
Polarization Type	Vertical
Max Power	100W
Radiation Pattern	Omni-Directional
Connector Type	N-Female
Mount Type	Ceiling-mounted Installation
Base Diameter	Φ220 mm
Dimensions	Φ8.67 in (base diameter) x 3.94 in (height) Φ 220 mm (base diameter) x 100 mm (height)
Weight	0.6 lbs (270 g)
Cover Material	ABS (White)
Operating Temp. (°C)	-40 ~ +60
Operating Humidity	5% ~ 95%

Installation

1. Drill a 20 mm diameter hole in the ceiling. The ceiling thickness should not exceed 20 mm.
2. Unscrew fixing nut from antenna. Place antenna cable through ceiling hole. Screw the fixing nut back onto the antenna and cable on the crawl-space side of the ceiling and fasten.
3. Connect antenna connector to the appropriate cable for your booster kit that leads to the booster port marked INSIDE.
4. Tighten fixing nut to secure antenna.

Storage and transportation: Store and place in non-extreme room temperature and dry environment only. This antenna should not be used near open flames.



Compatibility

- Booster Compatibility: All SureCall 2G-5G home and industrial in-building signal boosters
- Cable Compatibility: Low loss coax cables with N Male on either end (SC-400, SC-240, etc.)
- Accessory Compatibility: Couplers and Splitters