

SureCall Full Band Inside Panel Antenna SC-248W User Manual

- Multi-Band (698 – 2700 MHz) Broadband
- 2G/ 3G /4G and WLAN systems
- Directional antenna broadcasts
- 3dB Gain
- Designed for indoor use only, wall mounted



Overview

The SC-248W antenna is a multi-band directional antenna with a 120° reach and is designed to be installed in an elevated position pointed toward the area you'd like receive enhanced reception.

The range of the antenna is dependent on three factors:

- Physical obstructions
- Power generated by booster
- Reception from outside signal received and distributed by outside antenna.

The SC-248W is compatible with the following SureCall products:

Booster Compatibility: all 2G-4G home and in-building boosters series (FlexPro, Triflex Fusion5, DualForce and Force5 etc), and all industrial boosters series (Industrial-DualForce, Force5)

Cable compatibility: Low coax cables with N Male on either end (SC-400, SC-240 etc.)

Accessory compatibility: Couplers and splitters

Installation

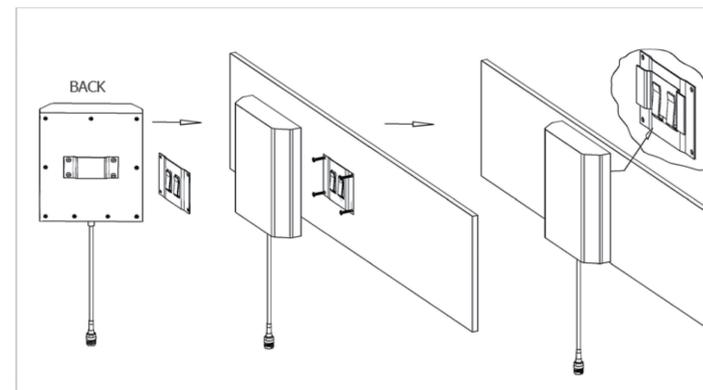
Step 1. Choose location for mounting antenna on vertical surface. Ideal height off the ground or floor should be the approximate height of regular cell phone use.

Step 2. Using plate, mark position of desired screw placement with pencil or marker.

Step 3. Screw mounting plate into place with the slide panel protruding towards you.

Step 4. Slide antenna securely onto mounting plate.

Note: Be sure to provide enough separation from outside antenna. Panel antenna should not face outside antenna.



Specifications

Frequency	698-960 / 1700-2700MHz
Input Impedance	50 ohm
Antenna Gain	7 dB / 10 dB
VSWR	≤2.0 / ≤1.5
Polarization Type	Vertical
Radiation	Directional
Maximum Power	50 Watt
Connector type	N-Female or based on customer request
Height (inches)	8.3"
Dimension	7.1"
Color	White
Mount	Mounts to wall
Weight	1 LB
Groundplane	Built-in ground plane
Beamwidth	E:55 H:70/ E:45 H:60