

# SureCall C-Band MIMO Ultra Wideband Indoor Panel Antenna (SC-649CBM)

## Directional Wall-Mount Antenna

### Overview

Designed to provide maximum coverage throughout indoor areas, the SureCall panel antenna is a high-gain inside antenna that propagates signals in one direction from a vertical wall-mounted position.

The MIMO antenna transmits and receives signals directionally and is designed to cover 617 - 4000 MHz frequencies.

- » N-Female connector (50  $\Omega$ )
- » 6 / 6 / 7 / 8 dBi gain
- » Wall-mounted indoor panel antenna
- » Includes mounting hardware
- » Connects to booster with SC-400 cable (sold separately)



### Specifications

Frequency	617- 698 / 698 – 960 / 1710 – 2700 / 3700 – 4000 MHz
Gain	6 / 6 / 7 / 8 dBi
Polarization	$\pm 45^\circ$
Beamwidth	H:85° E:65° / H:85° E:65° / H:70° E:65°/H:65° E:60°
Front-to-back ratio (180 $\pm$ 30°)	$\geq 8$ / $\geq 10$ / $\geq 15$ / $\geq 15$ dB
VSWR	< 2
Isolation	$\geq 20$ dB
Input impedance	50 $\Omega$
Max power	50W
Radiation pattern	Directional
Connector type	N-Female
Mount type	Wall-mounted
Dimensions	12.3 x 8.1 x 2.8 in
Weight	3.31 lbs
Cover material	ABS white
Operating temp.	-22°F to +140°F
Operating humidity	5% ~ 95%

## Installation

1. Choose the the ideal location for mounting antenna on a vertical surface. Ideal height off the floor should match the approximate height of regular cell phone use.
2. Using plate, mark position of desired screw placement with pencil or marker.
3. Screw mounting plate into place with the slide panel protruding towards you.
4. Slide antenna securely onto mounting plate.
5. Connect the antenna to low-loss cable with N-Male connectors to your booster located inside.

Note: Wherever possible, it is recommended to provide maximum separation between outside and inside antennas. Remember to face the panel antenna away from the outside antenna.

