

# YX050-PCS-CEL- Omni-Directional Indoor Base Antenna

The directions below will assist you in the installation of the YX050-PCS-CEL ceiling mount omni-directional indoor antenna. The antenna provides enhanced performance for the zBoost cell phone signal booster and is compatible with consumer and commercial zBoost products.

## Mounting the Base Unit and Omni-Directional Antenna

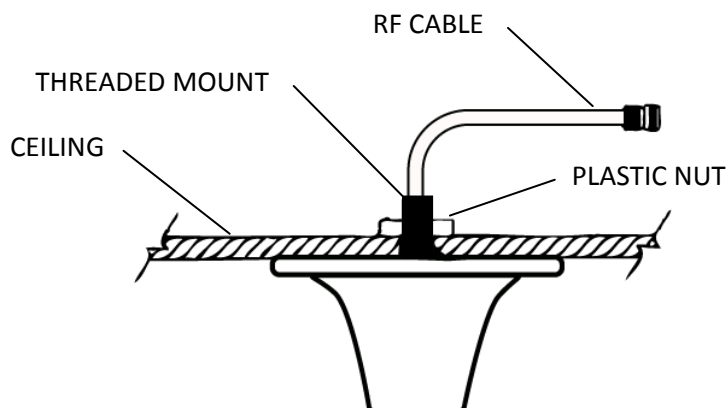
The YX050-PCS-CEL antenna provides enhanced signal strength in all directions (omni-directional) from the antenna. The antenna should be located near the center of the area where improved signal strength is desired. The antenna may be connected directly to the Base Unit or located near the Base unit using 10' RG-8x extension coax (NOT PROVIDED).



## Ceiling Mounting the Base Unit Antenna

Once you have determined the desired location for the antenna, mount the antenna using the included hardware:

- 1) Drill a 3/4" diameter (19 mm) hole in the ceiling where the antenna is to be mounted.
- 2) Route the RF cable and threaded mount of the antenna through the hole from the room side as shown.
- 3) Attach the plastic nut over the threaded section extending through the ceiling and hand tighten the nut. *Excessive force can damage the threaded mount of the antenna.*
- 4) Connect the RF cable on the antenna directly to the Base Unit or using a 10' extension coax (not provided) to the Base Unit.



## YX050-PCS-CEL Specifications

Frequencies	806-960 MHz (CEL)	1710-2500 MHz (PCS)
Gain	3 dBi	4.5 dB
Beamwidth	Omni directional	
Polarization	Vertical	
Dimensions	6.5"L x 6.5"W x 3.35"H	
Weight	0.77 lbs	
Connector	TNC Male	
Mounting	Ceiling mount in 3/4" diameter hole	
Return Loss	>14 dB	