

## MOUNTING

Grid-rail clips for suspended ceiling installation are provided on the antenna's backplate. At the desired mounting location, lift the abutting tile and form a small hole or slot to pass the antenna feedline. Slide the antenna into position on the ceiling grid and allow the tile to drop back into position (Figure-1).

For recessed edge ceilings, prepare tile to pass the feedline as described above, then snap the plastic adapter clips in place on the grid rail as shown in Figure-2. Install the antenna by inserting its grid-rail clips into the slots provided on the adapters. When positioning is complete, allow the tile to drop back into position.

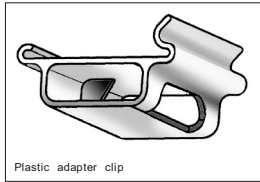


Figure-1

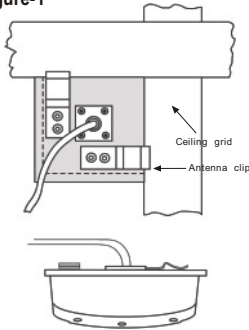
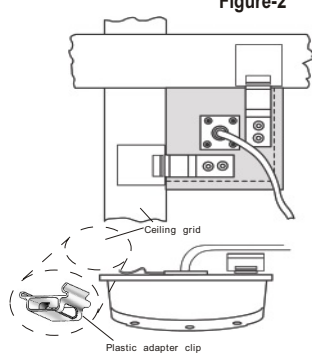


Figure-2



Please read all instructions carefully before attempting to install and use this product.

<b>Model:</b>	<b>SQ5153WP</b>
<b>Frequency MHz:</b>	<b>5150 - 5875</b>
<b>Gain</b>	<b>3 dBi (nominal)</b>
<b>VSWR:</b>	<b>2:1</b>
<b>E-Plane (3 dB beamwidth):</b>	<b>50°</b>
<b>H-Plane (3 dB beamwidth):</b>	<b>Omnidirectional</b>
<b>Polarization:</b>	<b>Linear, Vertical</b>
<b>RF Connector:</b>	<b>SMA (f)</b>
<b>PigTail:</b>	<b>12"</b>
<b>Weight lbs. (kg) (w/12' cable):</b>	<b>0.15 (0.68)</b>
<b>Mounting:</b>	<b>Ceiling Grid</b>
<b>Dimensions in.(cm):</b>	<b>2.2 x 2.2 x 0.7 (5.6 x 5.6 x 1.8)</b>
<b>Enclosure:</b>	<b>Acrylic PVC</b>
<b>Power (Watts):</b>	<b>5</b>

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# SQ5153WP

(5150-5875 MHz)

## ASSEMBLY AND INSTALLATION INSTRUCTIONS

## SAFETY

The SQ5153WP and all associated equipment should be installed in accordance with all applicable local and national electrical code guidelines to ensure safe operation.

## APPLICATION

Designed for wide-band service, the SQ5153WP omnidirectional micro-antenna especially designed for central mounting in work areas with suspended ceilings. Only 2.2" square, it comes with grid-rail mounting clips plus a special adapter for use with recessed tiles. The antenna is fabricated on a sturdy .090" aluminum backplate and its internal elements are protected by an attractive low-profile plastic textured radome that blends in with contemporary workplace decor.

## LOCATION

For best system performance, position the SQ5153WP at ceiling level near the center of the coverage area, taking care to avoid close proximity to major obstructions such as columns or solid partitions. While 5.1-GHz and 5.8-GHz signals penetrate cubical dividers and interior walls with only minor attenuation, dense obstructions such as block walls, heavy machinery and steel shelving may block or deflect signals.