

INSTALLING THE MOUNT ONTO A METAL POLE

The antenna can be installed on a metal pole that you place in the ground. With this option, you will attach the dish and cap mount directly to the pole. **The antenna assembly must be installed at least 5 feet above ground level.**

Note: With a metal pole installation, you will not need the mast and base plate included in your DirecPC package. Store it for possible future use.

PARTS NEEDED

- Metal pole, 2-3/8-inch outside diameter, schedule 40 galvanized water pipe, minimum 9 feet long
- Three 40-pound bags of quick-setting cement

TOOLS NEEDED

- Hole digging tools
- Wheelbarrow or cement mixing box
- Carpenter's level
- Pencil
- Hacksaw

DANGER



- If the antenna contacts electric power lines, you will be *killed* or seriously injured.
- Before starting the installation procedure, make sure there are no power lines nearby.

WARNING



- Call local utility companies before digging to avoid striking underground cables, pipes, or lines.
- Striking or cutting underground cables, pipes, or lines can cause personal injury or property damage.

1. Use the hacksaw to cut the bottom edge of the pole at a 45-degree angle, as illustrated at the right. This will prevent the pole from rotating over time.
2. Dig a hole at least 8 inches in diameter and 36 inches deep. If you live in an area where the frost line goes below 30 inches, dig the hole at least 6 inches deeper than the frost line.
3. Place the pole in the hole and use rocks (for example) to stabilize the pole vertically.
4. With the carpenter's level, plumb the pole along its side. Use at least two different locations at right angles to each other.
5. When the pole is plumb, use the rocks or guy wires and stakes to hold it in place.
6. Prepare the quick-drying cement according to directions and fill the hole. Slope the top of the cement downward away from the pole to improve drainage.
7. Let the cement dry for 24 hours.

Note: Refer to "Grounding the Antenna Base Plate or Metal Pole" on page 19 for special instructions.

Continue with section "**Installing the Cap onto the Satellite Antenna Dish**" on page 14.

