



## Preparing for a Satellite Pole Mount

A pole mount is required to proceed with installation of your Xplornet internet service. This document includes a list of the requirements for an approved pole mount that will provide long-term support for a reliable service. The exact specifications will depend on the service to be installed; your Xplornet Field Technician will review this with you and leave you a copy for reference. Note that Xplornet's installation standards do not permit Field Technicians to install on poles that do not meet the required material, stability, height or location requirements. If you have any questions, please consult with your Field Technician before starting.

### Section 1 (to be filled out by Field Technician after site survey)

#### Pole to be installed (check one).

For HTJ/HJ2: Schedule 40 Galvanized, 2 $\frac{3}{8}$ " Outside Diameter

For HTV/HV2: Schedule 40 Galvanized, 2" Outside Diameter

Pole length: \_\_\_\_\_ (Note: final dish height must be minimum 72" from ground level to bottom of reflector, overall pole length to be determined by technician after site survey). See above for diameter.

Anti-spin device: \_\_\_\_\_

Grounding method (circle one): Galvanized ground strap (customer provided) **OR** Ground lug on dish

Hole depth: \_\_\_\_\_ (to be advised by field technician; must fall below the frost line)

Hole diameter: 12" minimum

Required cable length: \_\_\_\_\_ ft of RG-6 cable to be provided by field technician.

Pole location: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Quick-setting Concrete: \_\_\_\_\_ pounds (will vary according to hole depth).

Trench 6" deep to run from pole to (choose one, and specify):

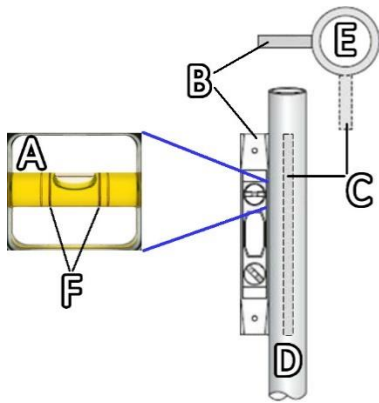
Exterior ground source: \_\_\_\_\_ **OR** Point of Entry: \_\_\_\_\_

Required length of PVC conduit: \_\_\_\_\_ feet

Sweeps: two PVC sweeps are required which extend from the bottom of the trench to at least 6" above ground.

**Section 2** Pole Mount installation instructions:

1. Dig a hole for the pole that is 12in–30cm in diameter with straight sides and a belled-out bottom to the depth noted in section 1.
2. Install an anti-spin device on the bottom of the pole, if not already done.
3. Install and level the pole. Use a torpedo level to check that the pole is plumb (check multiple sides to ensure it is level on each axis).
4. Fill the hole with quick-setting concrete.
5. Dig a trench at least 6in–15cm deep from the pole to the point of entry or exterior ground, as identified in Section 1.
6. Your Xplornet Field Technician will attach and align your dish, and provide you with an appropriate length of terminated coaxial cable.
7. Run the cable through the conduit and sweeps, and lay these in the trench.
8. Backfill the trench. Ensure the sweeps extend above ground level to protect the cable from accidental damage.
9. Your Xplornet Field Technician will then complete the grounding of your system, create and weather-seal an entry hole, and proceed with the interior portion of the install and activation.



**Important Info:** To confirm that the pole or mast tube is plumb, use a spirit level (A) at two points that are at right angles to one another (B and C). The illustration shows the placement of the level from the side (D) and top (E). The bubble of the level must be centred between the inner lines (F).

Note any other requirements/instructions here:

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Supplies and tools: (see Section 1 for those marked with an asterisk\* for more details):

- Galvanized Steel Pole\*      Anti-spin device\*
- Quick-setting concrete\*      Torpedo level
- Galvanized ground strap      Shovel
- PVC conduit and sweeps\*