

# 14m HD telescopic fiberglass pole by spiderbeam®

## **Congratulations,**

You have purchased the most sturdy 14m telescopic fiberglass pole available on the market. Its superior wall thickness (up to 2mm!) and a special reinforced winding technique with several layers of crisscross-wound fiberglass (i.e. wound in alternating directions) and UV resistant finish makes it much more durable than “telescopic fishing poles”.

## **General instructions:**

Our poles have 2 uniform protective caps made of flexible rubber.

To extend the pole, the top cap on the end near the blue spider logo must be removed.

**Note: Spider logo is always top side of the pole!**

We recommend fixing the pole to a post or peg so the bottom cannot slip away.

The bottom cap prevents the pole segments from boring into the ground when mounted on grass. When collapsing the pole segments, it protects the bottoms of the segments when mounted on concrete. For longer (semi-) permanent installations, 2 or 3 drainage holes should be cut into the bottom rubber cap to ensure that rainwater and condense water will not accumulate inside of the pole. Otherwise, it can freeze in winter and crack the lower segment of the pole.

## **Installation**

**Note: Segments are counted from 1 to 14, with #1 being the bottom (thickest) segment.**

Begin by pulling out the thinnest segment (#14 / tip of the pole) until it begins to pull up the next segment below it. Grasp the bottom of the top-segment with one hand and the top of the next segment (#13) with the other hand. Then twist in opposite directions while pulling the 2 segments apart until the friction between the segments will not allow them to extend any farther. This activates the **friction-lock**. Next, slide the lower 6 rubberized clamps over the top segment, beginning with the biggest one first, then the next biggest, etc. Then (if used), **slide the lower guy belt** (the one with the largest hole) over the top segment, followed by the next 4 clamps, largest first, then next largest, etc. Again (if used), **slide the top guy belt** over the pole, followed by the remaining 4 clamps, largest first, then next largest...etc. Now tighten the top clamp to the bottom of the top segment (#14), resting on the top edge of the one below to it (#13). Use a 7mm wrench (spanner), or a screwdriver. Then pull up segment #13 until it begins to pull up segment #12. Grasp the bottom of segment #13 and the top of segment #12 with the other hand. Again, twist and pull the 2 segments until the friction-lock is fixed. Tighten the smallest remaining rubberized clamp at the bottom of segment #13, resting on the top edge of segment #12. Continue like this from segment to segment... twist and pull, tighten clamps until you come to segment #8. Pull up segment #8 as before, but if you are using guy belts, make sure the guy belt is pushed up above the clamp at the bottom of segment #8. It is a good idea to **attach the 4 upper guy ropes now**, so that you don't have to lower the pole later to attach them. Continue pulling up sections and tightening the clamps (as before) until you come to segment #6. Pull up #6 but before tightening its clamp, if using guy belts, make sure the lower guy belt is above the clamp for #6.

Now pull up the remaining segments, tightening the clamps at the bottom of segments 5, 4, 3, and 2.

**Important:** Do not fasten the clamps too strong, **they are meant to be a “stopper”** on the top segment.

**Clamps should never compress the mast**, they should only ensure that the clamp and the segment cannot come loose and slip down into the next segment.

## **Partial use of our poles or replacement of parts:**

If you want to use a shorter length than the full 14 meters, you can easily use fewer segments.

Simply remove top segments by sliding them out the bottom of the pole.

Each removed segment reduces the length by about one meter.

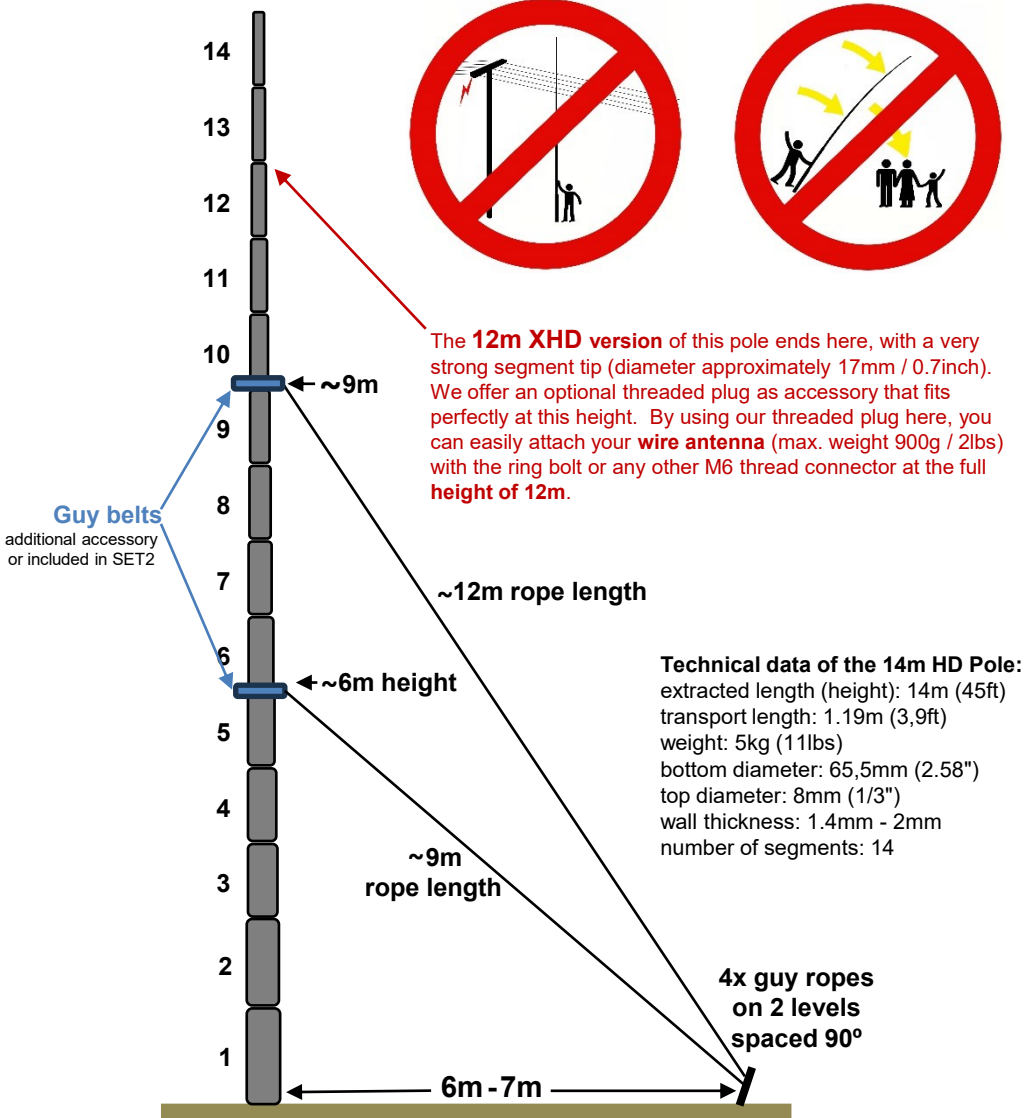
Removing the top 2 segments gives you a very rigid **12m XHD version** of this pole.

Should a segment happen to get damaged, you can order **replacement** segment and all other parts of the set individually from us. To order replacement segments, start with the large printed main tube as segment #1, then count up consecutively to the segment in question and order this segment number in our online shop. For guiding instructions, see the flipside of this brochure.



Best regards from your Spiderbeam Team

# Guying the 14m HD fiberglass pole



Once you have prepared your rubberized clamps to secure the mast segments, you guy the pole as follows:  
**TOP GUY LINE:** attach 4 guy lines with our guy belt 1 (SET2) on the 10<sup>th</sup> segment, right above segment 9 (at a height of about 9m). This results in a guy line length of approx. 12m each.

**BOTTOM GUY LINE:** attach 4 guy lines with our guy belt 2 (SET2) on segment 6, right above number 5 (at a height of about 5m) each line will have to be about 9m long.

We recommend a **guying distance** from the pole of **7m**, so you need 4x12 = 48m and 4x9 = 36m of rope. We recommend purchasing **2 rolls (50m) of 1.9mm Kevlar or 2.5 Dyneema rope.**

This results in a remaining spare guy line, just in case...

(NOTE: 1m = 3.3 ft.)