

18m telescopic fiberglass pole by spiderbeam®

Congratulations,

you got our 18m telescopic fiberglass pole, the sturdiest yet lightest pole of this height on the market. Manufactured in our special reinforced winding technique with several layers of fiberglass wound in alternating direction (criss/cross wind) with UV resistant finish makes it more durable, than the well known "telescopic fishing rods".

Technical data:

fully extracted length (height): ~18m (60ft)
transportation length: 1.70m (5ft 7")
weight: 6.8kg (15lbs)
bottom diameter: 73mm (2.874") without caps
tip diameter: 4mm (0.157")
wall thickness: 1mm - 2mm (0.04" – 0.08")
number of conical segments: 12

General instructions:

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

To extend the pole, the cap on the side with the spider logo must be removed. Note: **Spider symbol print is always top side of the pole!**

We recommend also removing the lower cap during assembly and fix the pole to a post or peg so that the bottom can not slip away. Leaving off the cap also ensures that rainwater and moisture can drain away at the bottom and not accumulate within the pole. Then pull out the segments beginning with the smallest (#12) tip segment of the pole, until it will carry up the next segment.

Grab the bottom of the tip segment and the top of the next segment #11 with the other hand. Then pull and twist the 2 segments until the friction between the 2 segments will not allow them to extend or move anymore. After that, you place all rubberized clamps, beginning with the biggest four, then put the lower/larger guybelt over the segment. Followed by the next larger clamps, getting smaller and smaller until the 8th clamp. Then put the upper guybelt onto it. Finally place the remaining 3 clamps over, the smallest clamp comes last. All over the top section. Now pull up the top segment until the next segment #11 comes out a bit and the clamps and belts will slide down completely over segment #11 and fix the rubberized clamp on segment #12 right above the edge of segment #11. Now pull out the two fixed segments until they will carry up the next segment #10. Grab the bottom of segment #11 and the top of the segment #10 with the other hand. Then again pull and twist the 2 segments until they are fixed too. Now you should fix the next rubberized clamp right above the edge of segment #10.

Important: do not fasten too strong, it's meant to be a "stopper" on the top segment.

Clamps should never compress the pole, they should only ensure that the clamp and the segment cannot come loose and slip down into the next segment. You go on like this from segment to next segment... pull and twist, fix clamps until you come to the upper guybelt at segment #9. It is the best choice to already attach your guylines (rope) to the loops of the guybelts now, that way you don't need to lay down the pole later. (Once fully erected, it's easier to keep it straight and simply attach the ropes at the ground than putting the whole erected pole down and pulling it up again.) Now same procedure for the next segments, clamps and the lower guybelt. By following this instruction you will have the pole erected quick and easy.

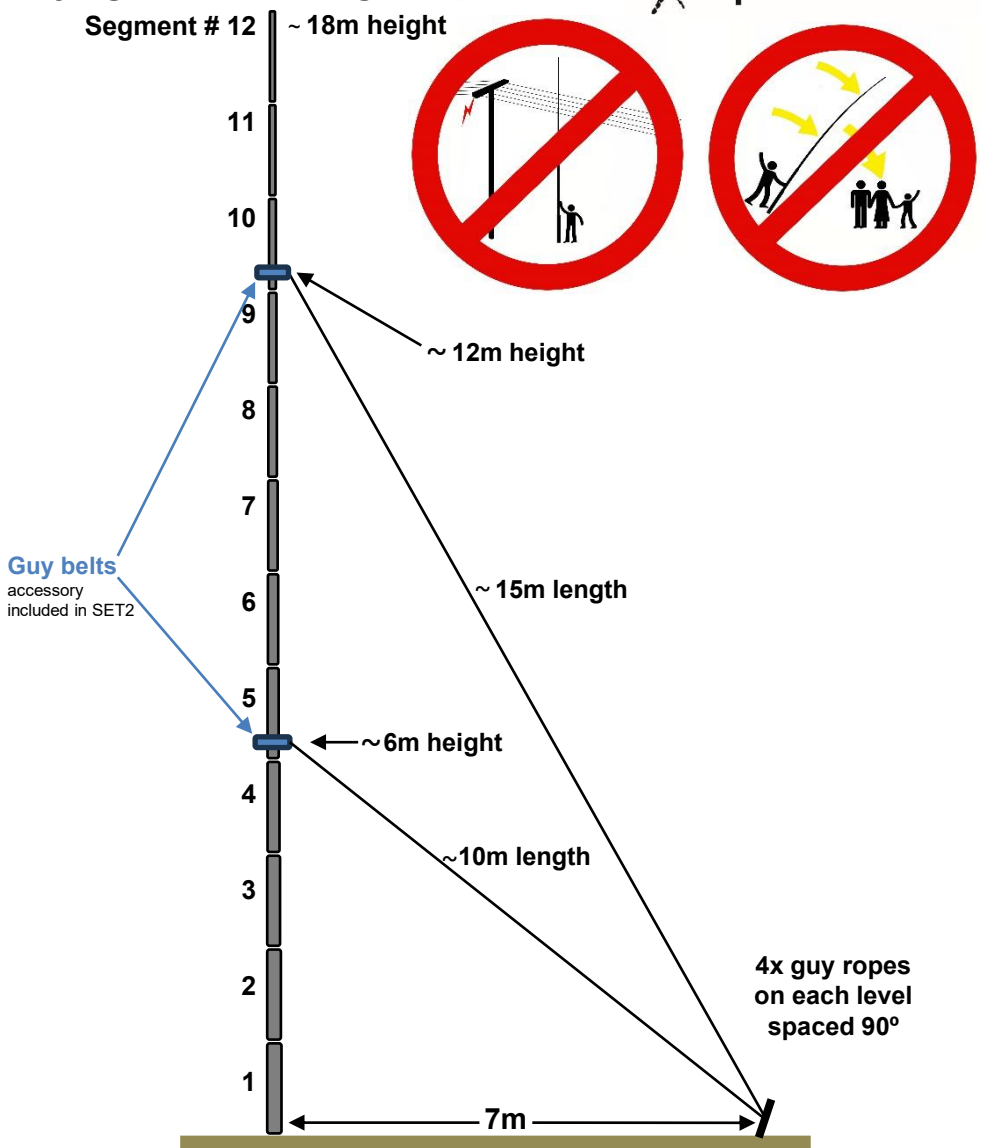
Partial use of our poles or replacement of parts:

If you only want to use a shorter length than the full 18 meters, you can easily use only some of the segments. Like a particularly **rigid 15m version of this pole**, which just leaves out two top segments, you can also use any other partial lengths - whatever works best for your project. Segments that are not required can simply be removed at the bottom and the pole can be erected with just the segment sequel in the selected length. Even if a segment gets damaged, this is no problem. You can order each replacement segment and all other parts of the set individually from us. To reorder the right segment, start with the large printed main tube as segment # 1, count up consecutively to the requested segment and order this segment number in our online shop. (For guying check the flipside of this document.) Enjoy your Spiderbeam pole in action.

Best regards from your Spiderbeam Team



Guying the 18m fiberglass pole



Once you have prepared your rubberized clamps to secure the pole segments, you guy the pole as follows:

TOP GUY LINE: attach 4 guy lines with our guy belt 1 (SET2) to the 9th segment, right above segment 8 (at a height of about 12m). This results in a guy line length of approx. 15m each (knots included).

BOTTOM GUY LINE: attach 4 guy lines with our guy belt 2 (SET2) to segment 5, right above segment 4 (at a height of about 6m). Each line will have to be about 10m long (knots included).

Recommended **guying distance** from the pole: **7m**, so you need $4 \times 15\text{m} + 4 \times 10\text{m} = 100\text{m}$ of rope.

We recommend purchasing **2 rolls (50m) of 1.9mm Kevlar or 2.5 Dyneema rope.**

You may also use the lighter 1mm Kevlar for the upper guying level. (conversion: 1m = 3.28 ft. = 39.36 inch)