

# Preventing Slippage of the Spiderbeam Rope Guys

**The Spiderbeam** is built onto some kind of a vertical mast (not supplied with the kit).

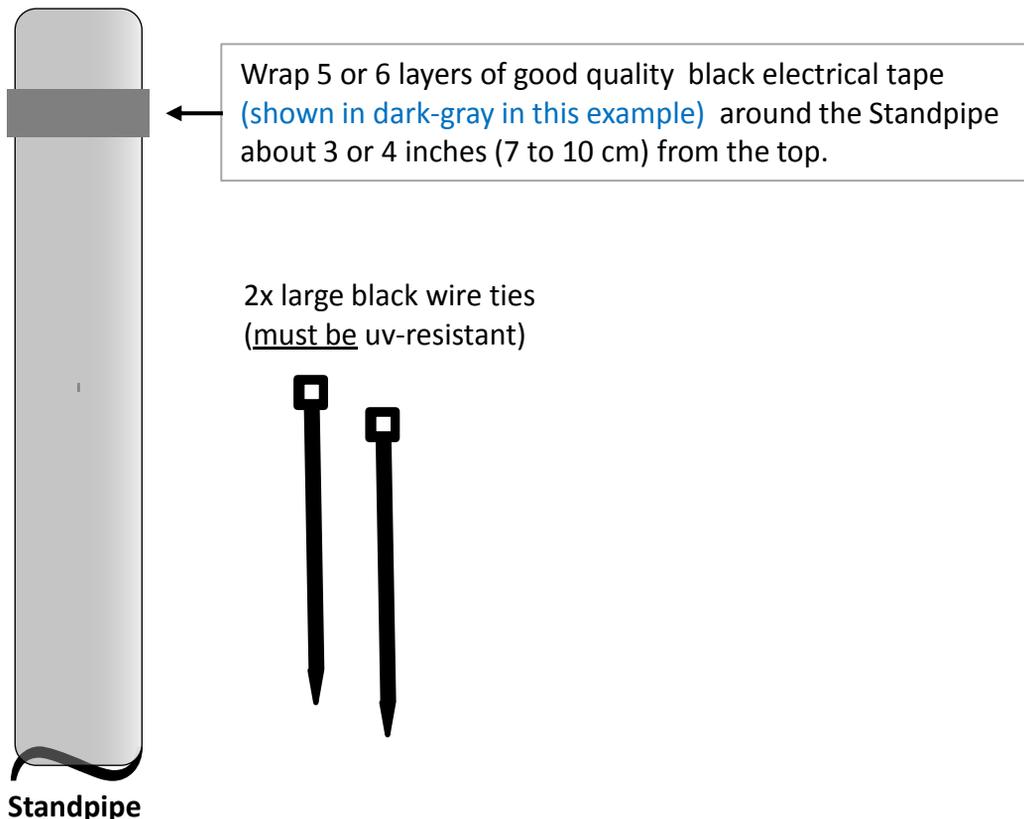
You may use the “Standpipe” sold by Spiderbeam for this purpose, the top section of a Spiderbeam Aluminum Mast, or a mast sourced locally. In any case, it should be at least 4 ft. (1,20m) long. Longer is better.

No matter what you use, I’ll call it the “Standpipe.” The center hub which holds the 4 spreaders mounts in the middle of the Standpipe. The balun is mounted about 40cm above that.

The standard method of attaching guy ropes to the Standpipe uses loops formed by the Kevlar rope and insulators. These slip over the Standpipe and are pulled tight. There is no method provisioned to prevent slippage.

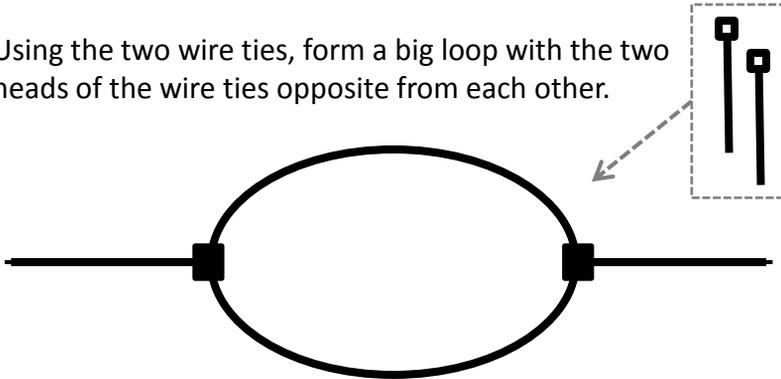
The following instructions show how to build simple “Stops” which will prevent slippage. In addition, it is recommended to discard the insulator and simply tie small loops in the ends of the Kevlar ropes which fit snugly over the Standpipe. Make the loop as small as possible, such that it just barely slides over the Standpipe.

## Step 1:

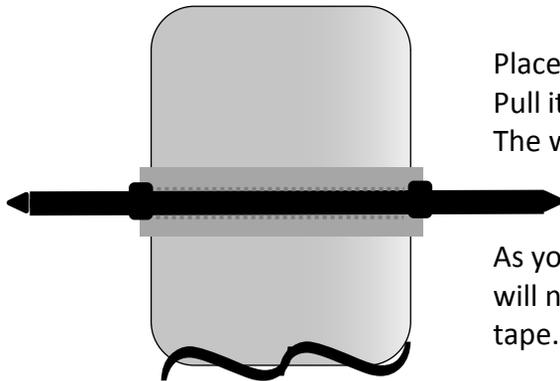


## Step 2:

Using the two wire ties, form a big loop with the two heads of the wire ties opposite from each other.



## Step 3:

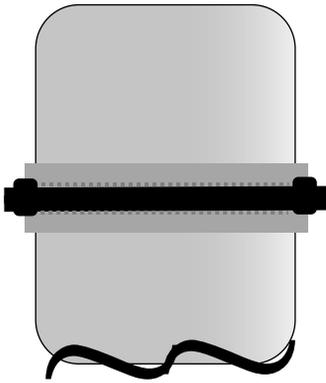


**Standpipe**

Place the wire tie loop over the standpipe and Pull it tight, **TAKING CARE** that the two heads of The wire ties remain 180° apart on the pole.

As you pull the wire ties tight (very tight) you will notice that they compress the electrical tape. This helps keep them from slipping.

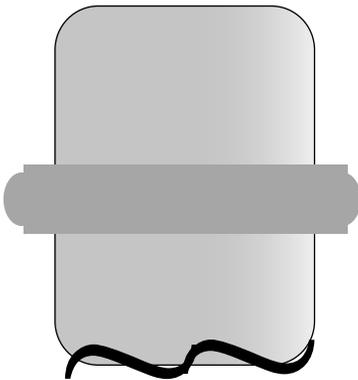
## Step 4:



**Standpipe**

Trim the excess from each side of the wire tie loop.

## Step 5:



**Standpipe**

Wrap another 2 or 3 layers of good quality electrical tape around the wire ties.

## Step 6:

Do the same on the bottom, except place the tape and wire ties about 4 to 5 inches (10 to 15cm) up from the bottom - you have to leave room for the clamp that secures the Standpipe to the mast.

This is a great support to prevent slippage for the top and bottom guys. It is very simple, easy to build, and it gets the job done.