Atlas**Scientific**™
Environmental Robotics

How to properly cut your probe cable

Use a coax cable stripper tool, they are cheap, and very easy to use. Make sure it can cut **RG174 mini coax cable**. *(slight adjustments to the blades may be needed.)*

Before you cut your probe cable, make sure that the probe has been properly calibrated and is returning normal readings. Although probes with cut cables can return accurate readings, Atlas Scientific™ does not guarantee accurate readings once a probe cable has been cut. ***We will not accept returns on probes with cut cables.***

Step 1

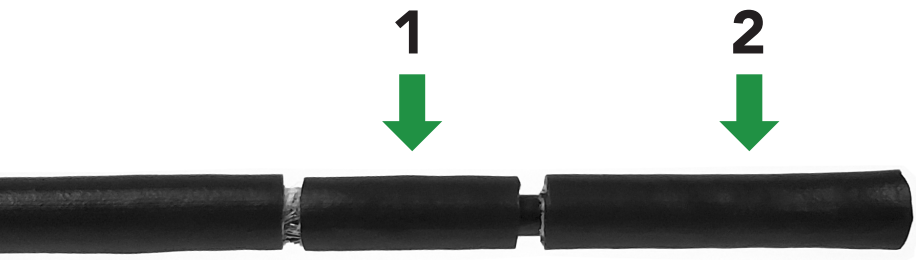
Cut the cable to the desired length.

Step 2

Place the cable into the stripper tool and turn the tool two full rotations around the cable.

Step 3

The tool will make two cuts into the cable. Remove sections **1** & **2**.



The cable will now look like this, remove section **A**.

The cables wire shield and center wire are now exposed.

Step 4

Twist the wire shield around the center wire, like so...

Step 5

With a multimeter on ***Continuity Mode*** make sure that the two ends do not touch.

Step 6

Solder both ends of the wire, make sure you don't use too much solder.

Step 7

Remove the flux with alcohol, or other flux removers.
This MUST be done, even if you dont see any flux residue.

Step 8

Now your cable is cut, striped and tinned. Due to the nature of the mini coax cable, you will be left with uneven lengths of exposed wire, that is normal.

If you are soldering another wire to your newly cut probe cable, return to **Step 7**.

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