

**IMPORTANT NOTE: These instructions are part of the DIY cable kit you purchased. They may not be passed on or published without my prior permission!**

## **DIY Instructions for Foil Speaker Cable SOLIDCOREAUDIO**

**The construction of the foil speaker cable includes the following steps:**

- a) Measuring and cutting the foil (1h)
- b) Cleaning and insulating the foil with the transparent tape (2 h)
- c) Soldering the banana plugs (2 h)
- d) Insulating with the white tape (2 h)
- e) Affixing the bridges (double-sided adhesive tape) and connecting the conductors (2 h)
- f) Fitting the cotton jacketing (2 h)
- g) Determining the signal direction

**The following is included in the DIY kit:**

Metal foil

- transparent tape
- cotton tape
- double-sided cotton tape
- 8 hollow banana plugs
- 1 hook blade
- 2 cotton gloves
- silver solder with 3.8% silver

**You will need the following useful things:**

- sufficient amount of space
- measuring tape (at least as long as your cable)
- soldering iron and tin-solder
- tile or similar on which you can solder
- (good) pair of scissors and nail scissors
- thin marker
- round stick (a wooden spoon will also do)
- set square (2 if available)
- drill 3 to 3.5 mm (0.12 to 0.14 in) in diameter
- 4 paper tissues
- cellulose thinner or another fat-dissolving agent

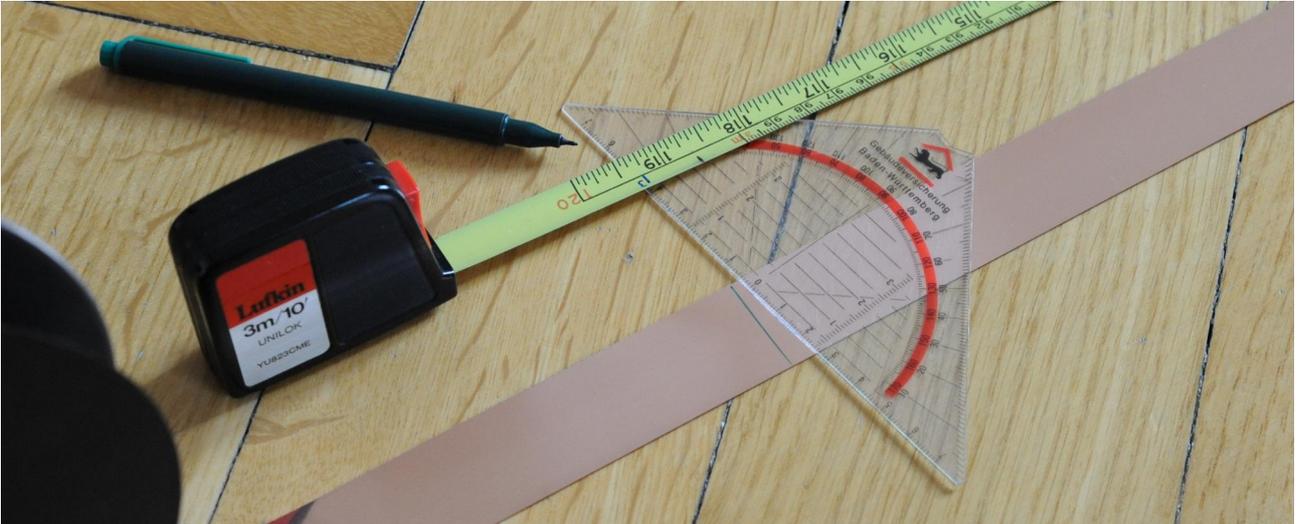
For step b) you will furthermore require two points at a height of approx. 1 meter (1 yard) between which you can stretch out the foil. Two chairs with a straight back are for example perfectly suitable for this purpose.

Keep your working environment clean: I do all steps except for b) on the floor. Alternatively, you may also use e. g. a decorating table that is long enough if you do not want to put too much strain on your knees.

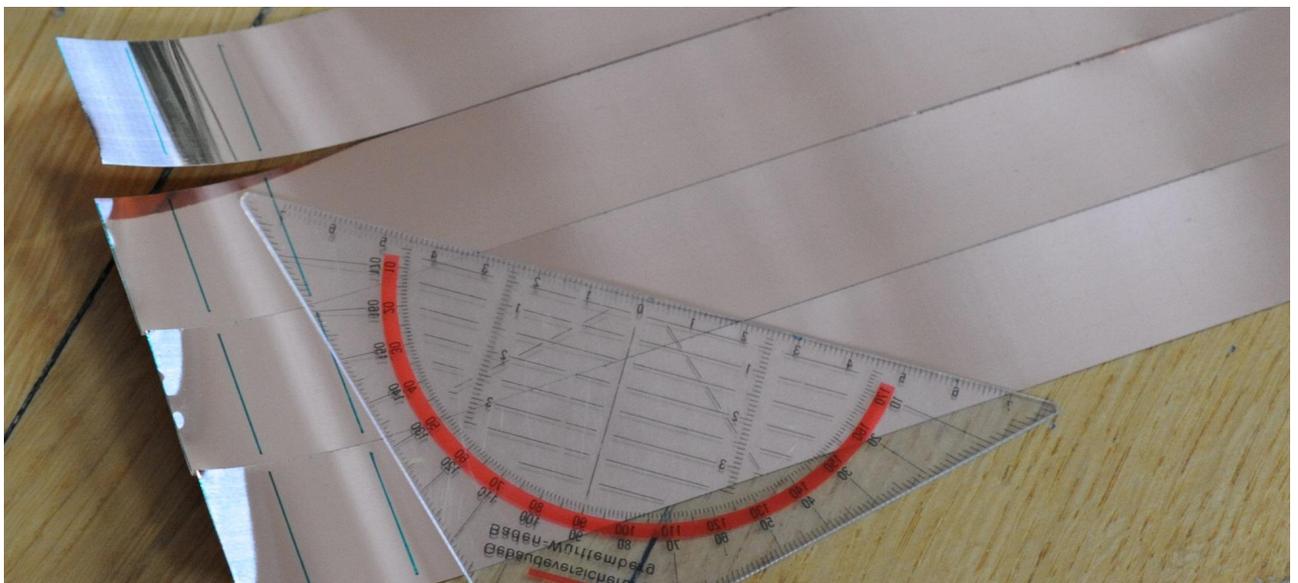
Take enough time: You may easily take a break between the individual steps. Depending on your DIY abilities, you may require more or less time than stated above.

### a) Measuring and cutting the foil

Roll out the measuring tape and put the foil in parallel. Add a cutoff of 25 mm at each end to the length of your cable and use the marker and set square to mark this length at a right angle. For a 2-meter cable you will e. g. mark 2.05 meters of foil. Cut off the foil at this length. Repeat this step so that you end up with four pieces of foil of exactly the same length. **MAKE SURE** that you always unroll the foil in the same direction!



Now measure 25 mm from each end and draw a line at a right angle to mark the final length of your cable. Draw a third line at 35 mm from each end. **Mark the end of all four pieces of foil with a dot on the same side to indicate the direction.** Be careful to touch the foil only with the included cotton gloves except for the cutoff at the end.



2 lines, 25 and 35 mm drawn from the end.

### b) Cleaning and insulating the foil with the transparent tape

Cut off approx. 15 cm of the transparent tape and put it on one of the cutoff pieces of a piece of foil. Pick up the tape and the foil and stick it onto the (e. g.) back of one chair. Stick the other end onto the back of the second chair and position the chairs in such manner that the foil stretches out straight between them. You might have to put some weight on the chairs.