

## C-MARC™ WIRE & CABLE

## How to make a 4.6mm<sup>2</sup> hook-up wire out of the *C*-MARC<sup>™</sup> coaxial bulk cable.

## **BENEFITS:**

- Huge conductivity without introducing plastics
- Almost no Eddy currents for near-perfect phase performance
- Superlative micro-vibration absorption
- Extremely lightweight
- Highly flexible and easy to use



The insulation is 100% cotton. The blue ring you see is thin heat shrink, used just to tidy the cut. It can be removed prior to wire preparation.



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Unbraiding of the outer cotton layers, using a blunt needle or an awl.

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Cut off the unbraided cotton, exposing the outer braided conductors. The total cross section of this outer layer is 2.3mm^2.



4

Unbraid and bend down outer copper strands. Breakage due to bending will not occur, as long as you don't damge the strands with cutter or sharp needle. These lacquered strands are pretty robust and are each 0.125mm in diameter.

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Unbraid inner cotton layer, exposing inner braided copper.







Remove cotton, don't damage the copper. The center copper braid is 2.3mm^2 total cross section.



Unbraid the center copper braid, exposing the center cotton filler (white).



Cut the center cotton filler without damaging the copper.

12

10





Gather the center copper strands.



Gather the outer copper strands. These will be longer than the center ones. Cut them all to the same length.



Twist them tightly together. Proceed to the tinning procedure in the soldering pot.



After tinning in the soldering pot, the outer diameter will be just over 4mm.