

Pacific Northwest Section, Audio Engineering Society June 1, 2013 Network Cable Meeting: Twist-Rate Photos

The following photos show a number of network cables with the insulation removed to illustrate the twist-rate of the individual pairs.

Note that these are random examples pulled from cable purchased for use or testing, and are not prepared by manufacturers for display. During our session, we learned that the twist-rates of the cables is not something that the manufacturer likes to share – in their view it's all part of the “secret sauce”. Also, it was explained that the rate often varies through the length of the cable – that is, the twist rates we see in these examples will not be consistent across the length of the cable – that's deliberate, and again is part of the design of the cable.

The photos are provided as a matter of interest, and we do not suggest any qualitative difference between the manufacturers or the specific examples. Choice of cable should be informed by the specific use intended, manufacturers will generally be able to make appropriate suggestions as to the suitability of specific products.

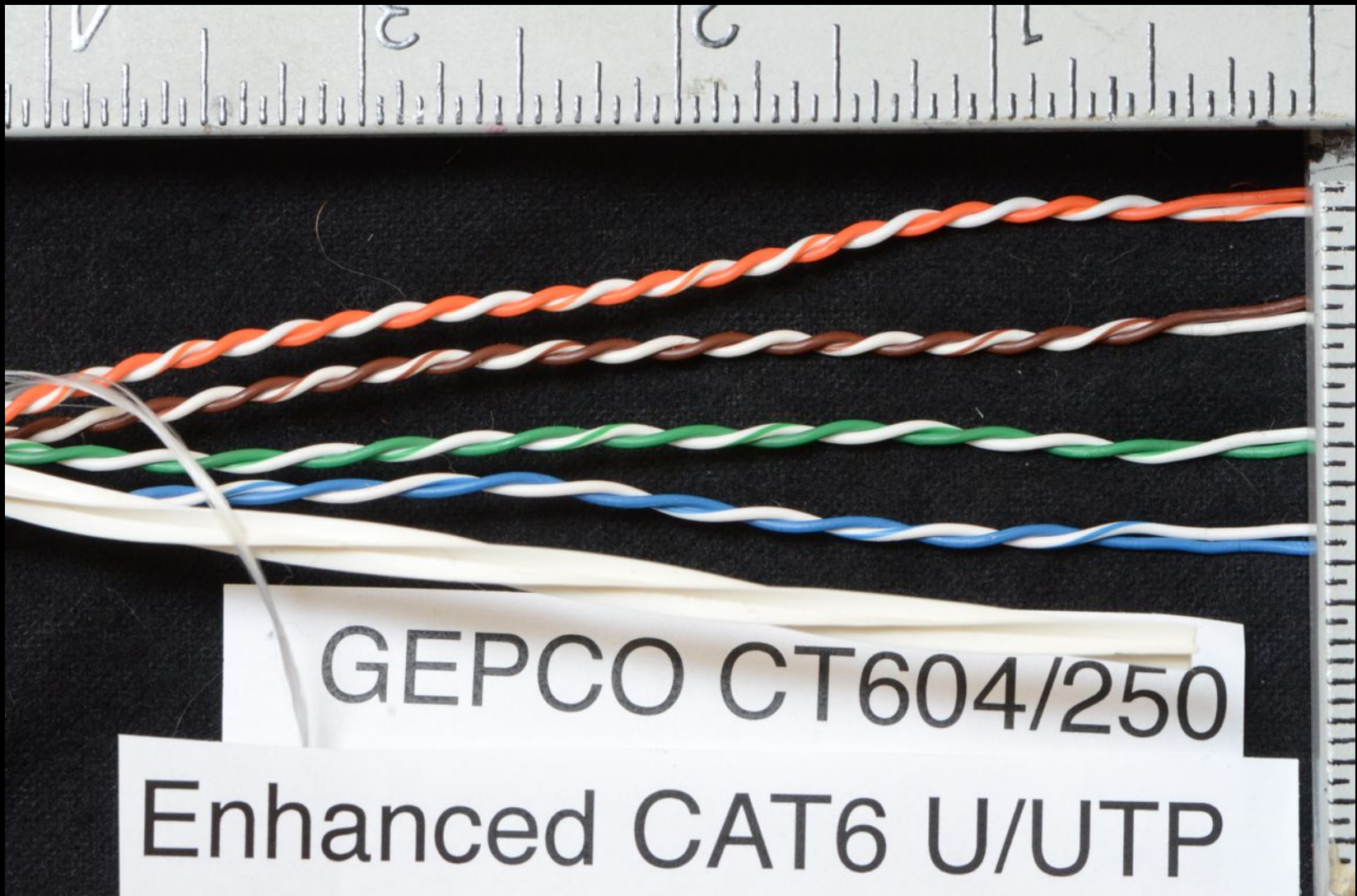
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GEPCO CT604/250

Enhanced CAT6 U/UTP

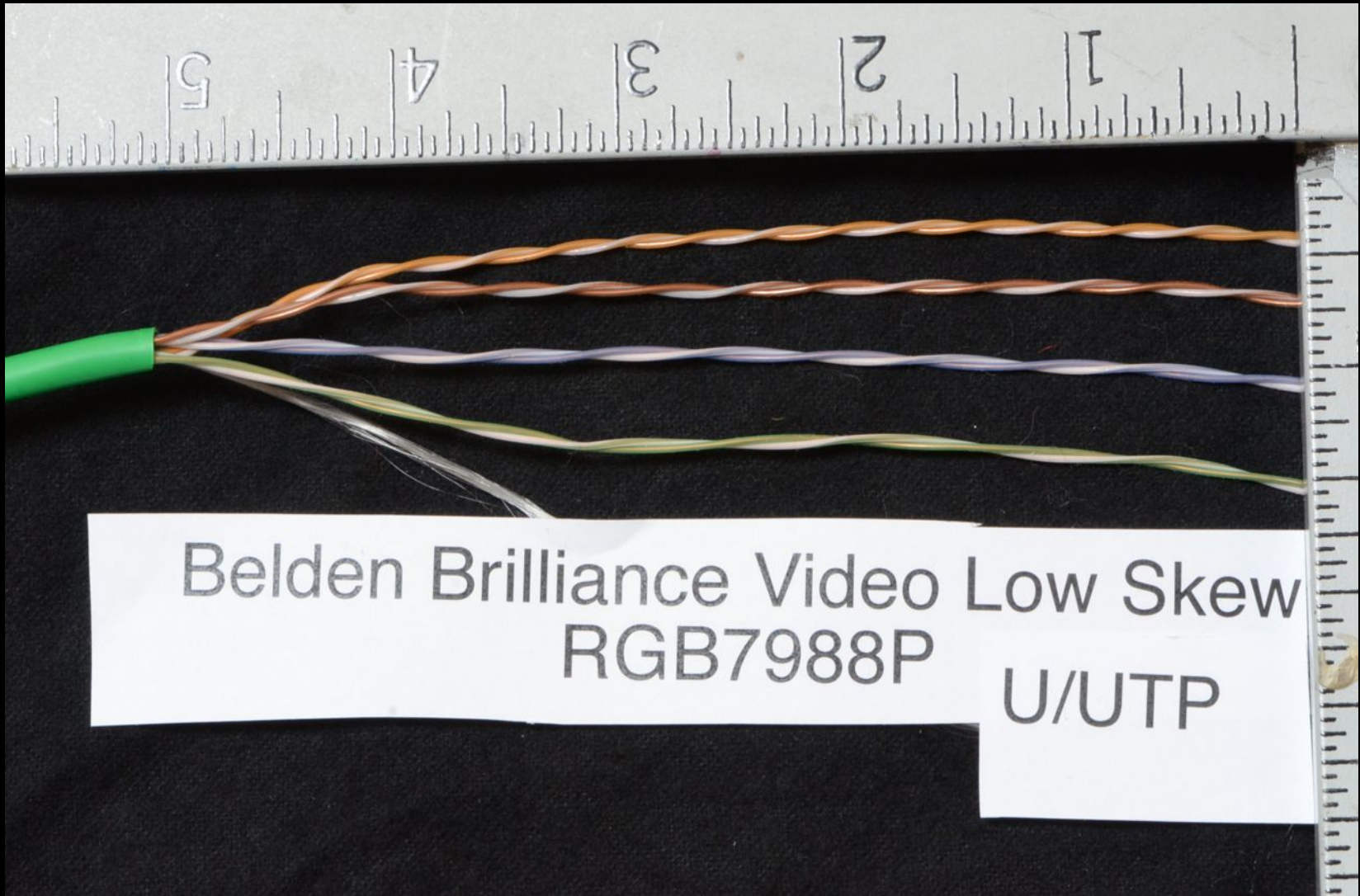
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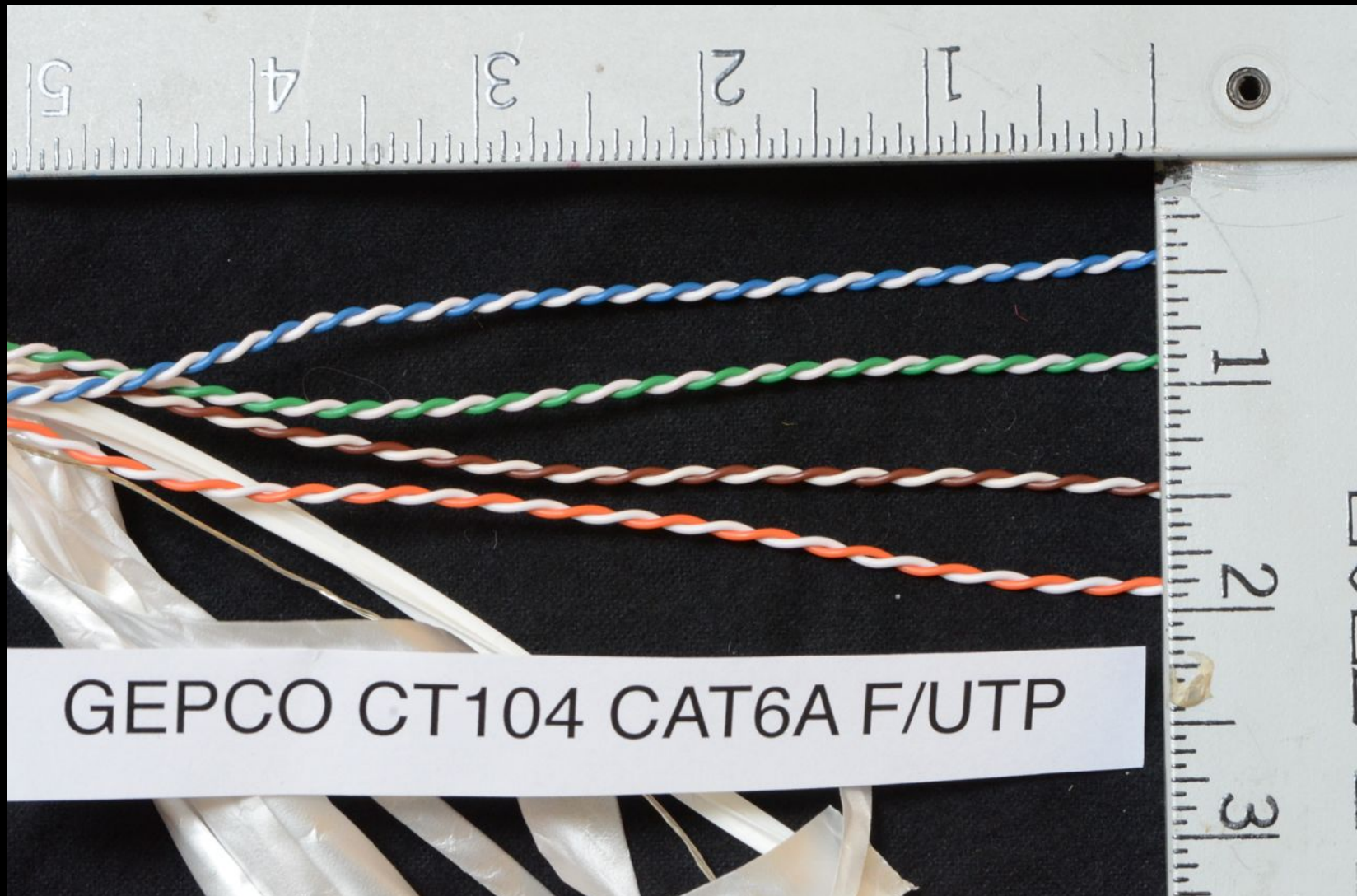


Belden Brilliance Video Low Skew
RGB7988P
U/UTP

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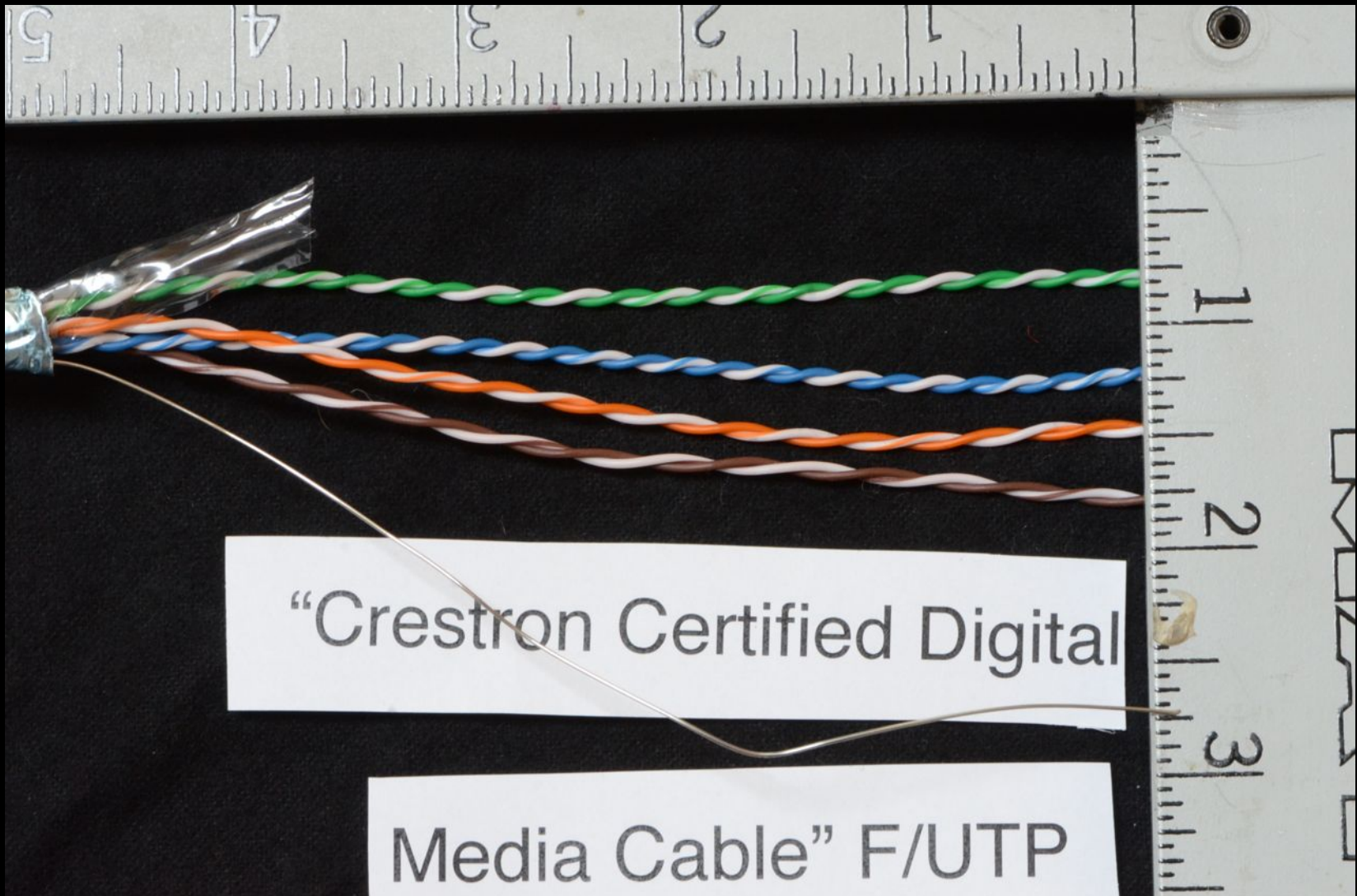
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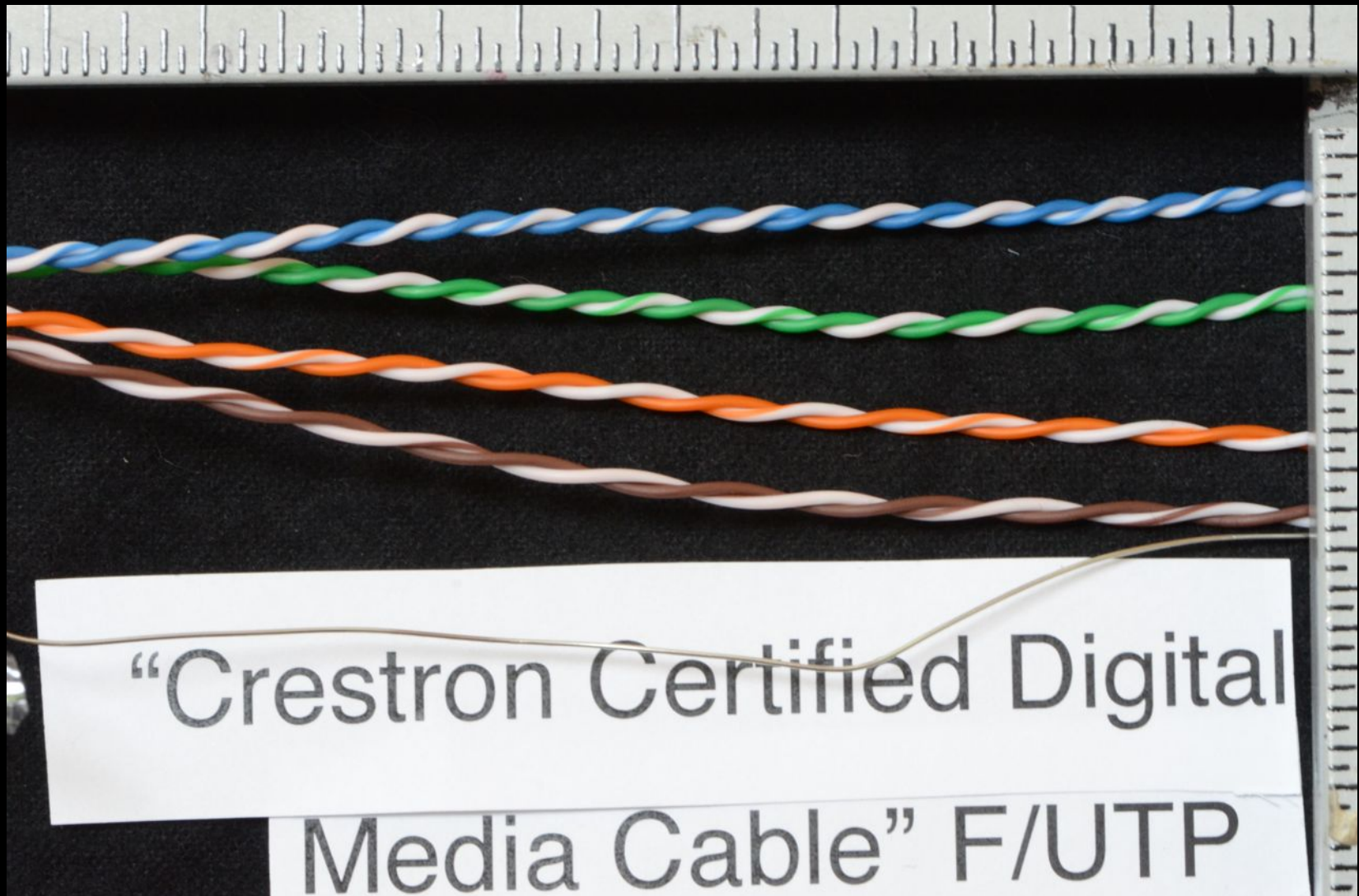
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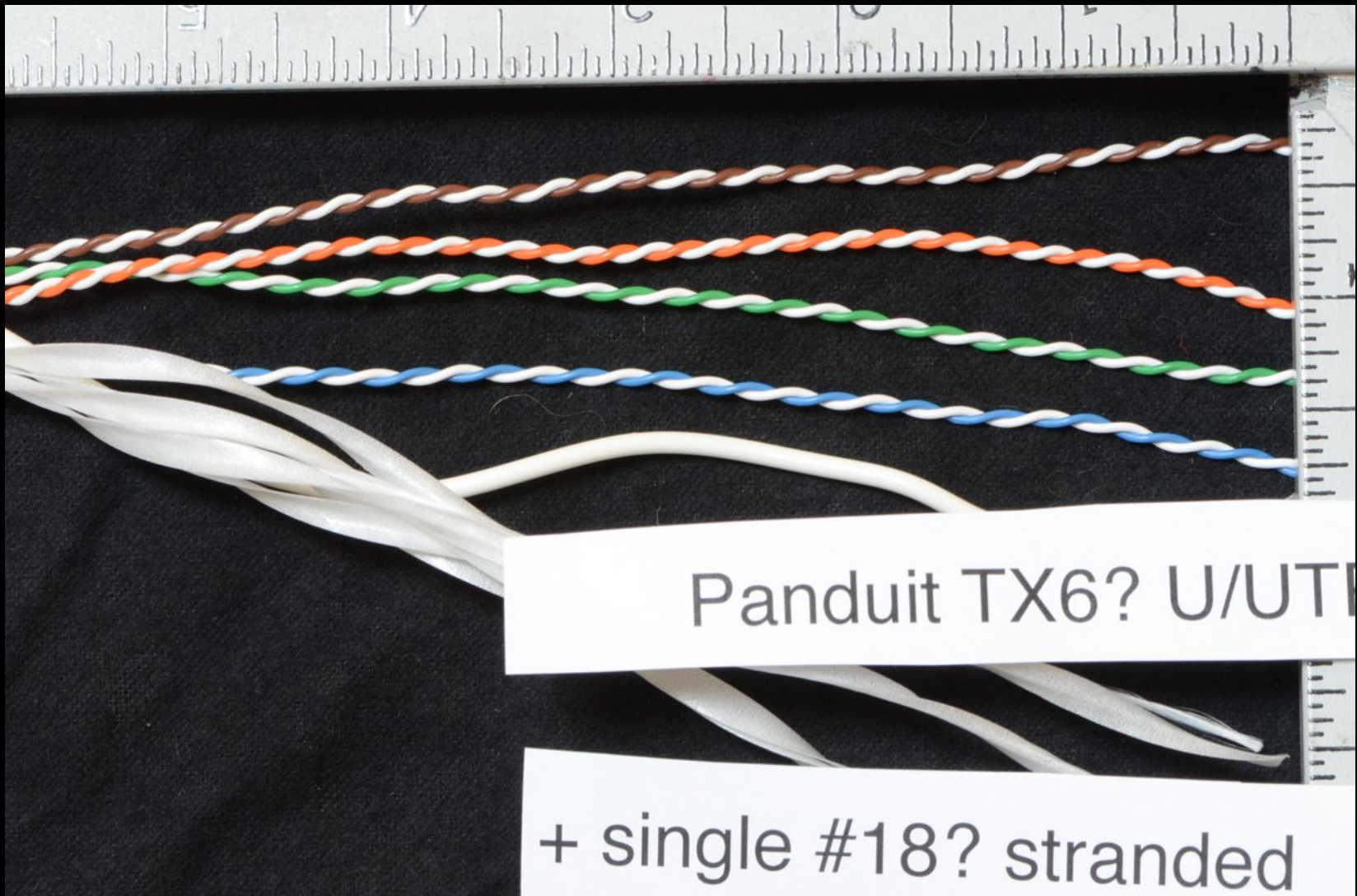
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Panduit TX6? U/UTP

+ single #18? stranded

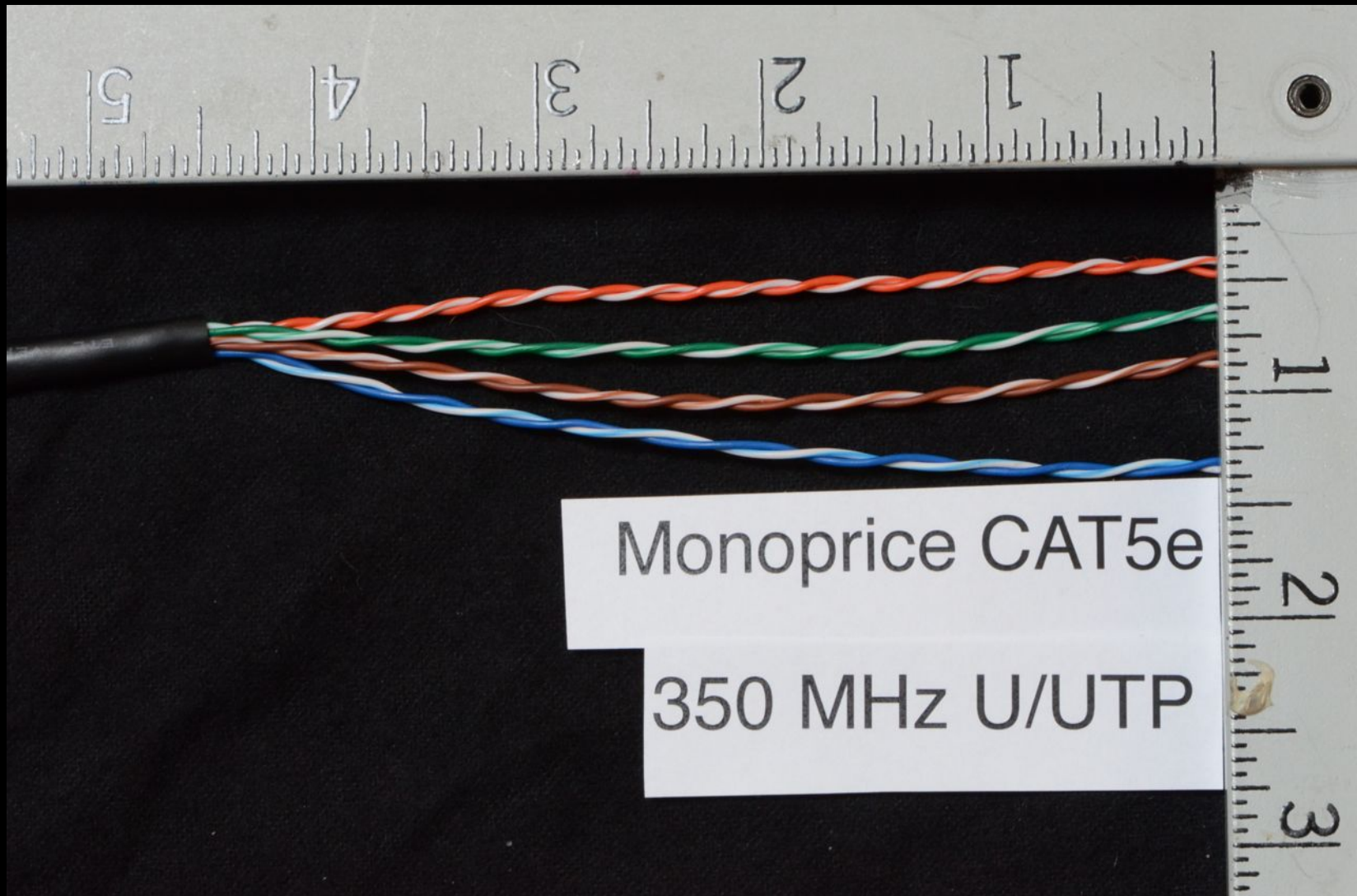
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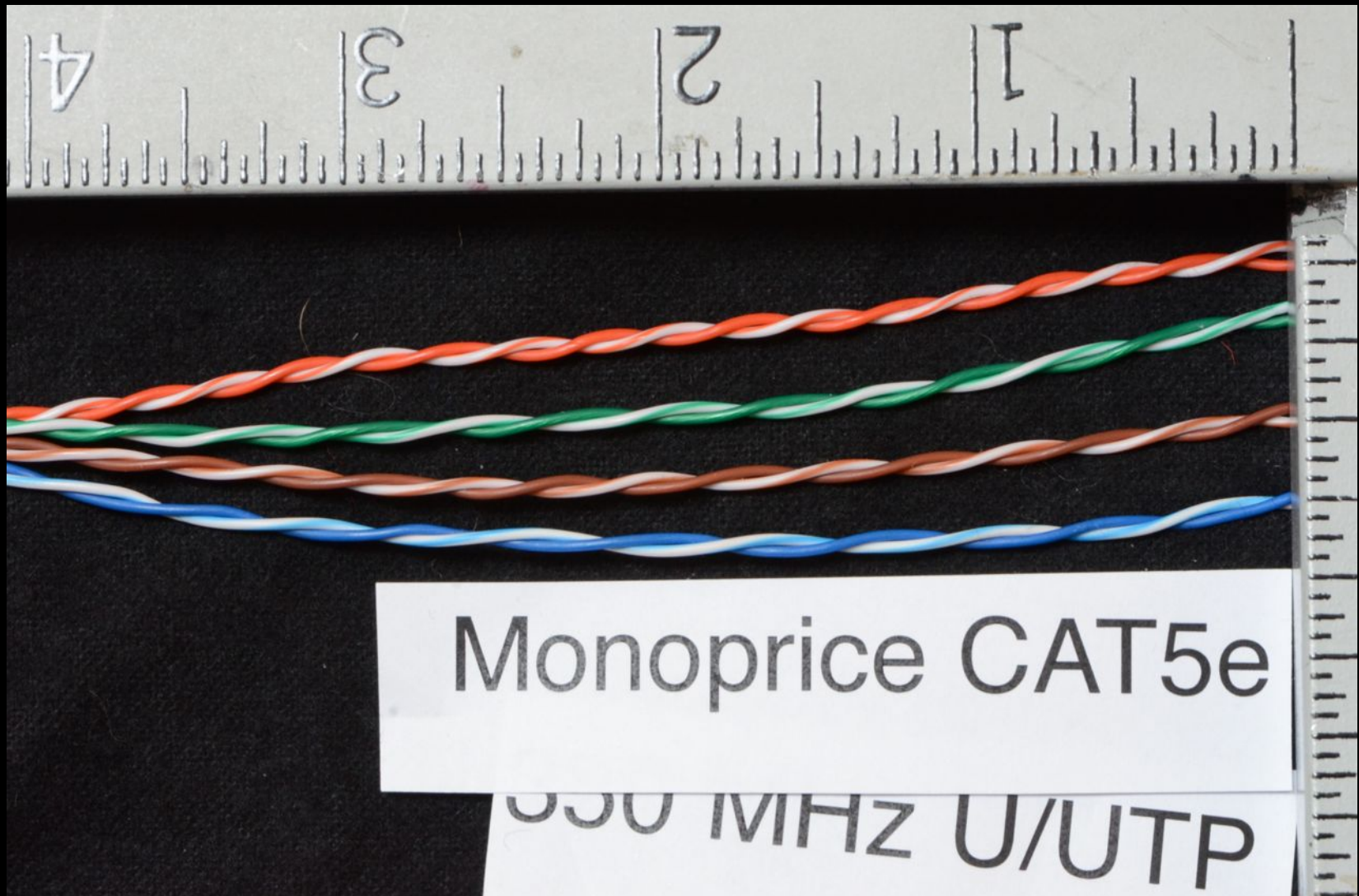
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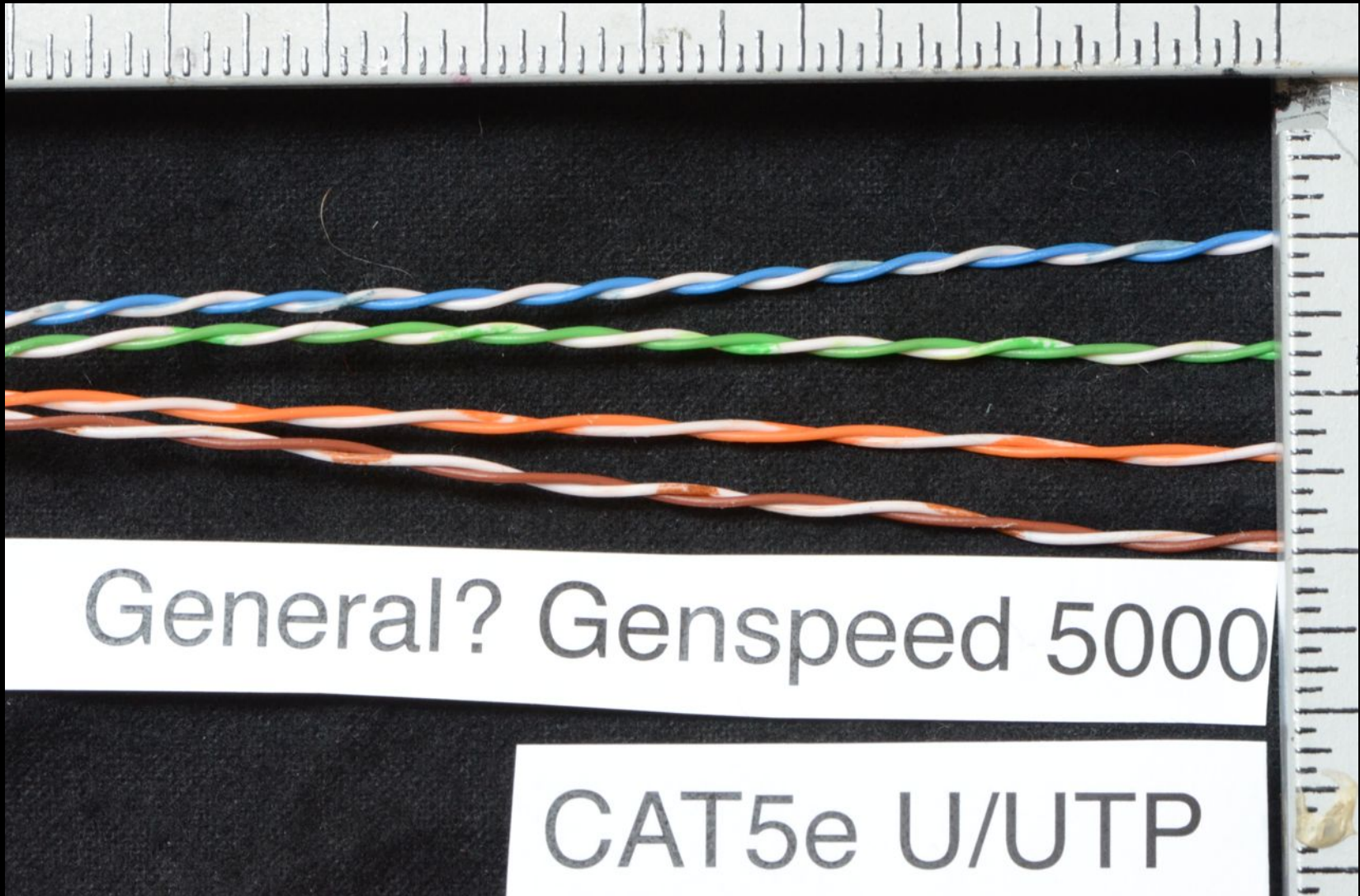
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