





## Set CU-Wire LIY 10 Colors with Precision Cutting Pliers & Shrinking Tubes

### Item-No.: 23T038 ... 23T044

Whether in the laboratory, workshops, development offices or even for hobby, leisure and education: with this high-quality copper stranded wire you are always well equipped. The PVC sheathing covers the high purity copper braid and ensures good dielectric strength and immediate differentiation of the cables. It is high purity copper with excellent solderability, making it the optimal solution for many applications. The solid PVC jacket can be easily removed.

The contained side cutter is sharp and cutting and designed for fine work. The length of the blade is approx. 14 mm. A flat tip increases the guidance especially on circuit boards and in hard-to-reach places. As a further function, the pliers have 6 recesses for quick stripping of rigid cables or stranded wires in the common cross-sections of 0.75 to 6 mm<sup>2</sup> or AWG 20 - 10, which corresponds to cable diameters of approx. 0.8 to 2.6 mm. The heat-shrink tubing can be used for insulation, protective covering of components, as anti-kink protection, protection against corrosion, as well as repair of cables and lines, and much more be used. High quality product from industrial applications.



**Technical data (LIY Cu Wire):** Material: PVC insulation, copper wire • Rated voltage: 230 V AC/DC • Operating temperature range: -30 ... +70 °C • Lead-free • Halogen-free • RoHS-compliant • Colors in Set: white, blue, brown, orange, green, yellow, gray, purple, black, red. Details see list down below.

**Technical data (Cutting Pliers):** Cutting-function (very sharp and resistable) • Wire stripping function, range from 0.75 to 6 mm<sup>2</sup> (AWG 20 ... 10) • Imprint at stripping recesses are imperial and metric (AWG and sqmm) • Weight: 113 g.

**Technical data (Shrinking Tube):** Material: PE • Shrink temperature (min.): 70 °C • Shrink temperature (max.): 110 °C • Operating temperature: -40 ... +125 °C • Tensile strength (min.): 10.4 MPa • Dielectric strength 1.5 kV (30 sec.) • Flammability: VW-1 • Rated voltage: 600 V • Volume resistivity: min. 10<sup>14</sup> Ω • Elongation break: min. 300% • Industrial quality. All hoses comply with RoHS directives and are halogen-free. Content: 5 pieces - Ø 12 mm - length 65 mm • 3 pieces - Ø 18 mm - length 95 mm • 4 pieces - Ø 15 mm - length 95 mm • 25 pieces - Ø 3 mm - length 32 mm • 30 pieces - Ø 1.5 mm - length 32 mm • 8 pieces - Ø 9 mm - length 65 mm • 15 pieces - Ø 4.5 mm length - 32 mm • 10 pieces - Ø 6 mm length - 65 mm.

#### Versions available:

Part No.	GTIN	Content per color	Cross section	Structure CU wire	Outer diameter
23T038	4260732283171	10 m (10x)	0.14 mm <sup>2</sup>	18 x 0.1 mm	1.2 mm
23T039	4260732283188	10 m (10x)	0.25 mm <sup>2</sup>	8 x 0.2 mm	1.2 mm
23T040	4260732283195	10 m (10x)	0.34 mm <sup>2</sup>	11 x 0.2 mm	1.5 mm
23T041	4260732283201	5 m (10x)	0.50 mm <sup>2</sup>	16 x 0.2 mm	1.8 mm
23T042	4260732283218	5 m (10x)	0.75 mm <sup>2</sup>	24 x 0.2 mm	2.0 mm
23T043	4260732283225	5 m (10x)	1.00 mm <sup>2</sup>	32 x 0.2 mm	2.1 mm
23T044	4260732283232	5 m (10x)	1.50 mm <sup>2</sup>	30 x 0.25 mm	2.6 mm

Application by qualified electricians only!