

# Cu rope

## Cu rope, soft, non-compressed

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### DESIGN



### TECHNICAL DATA



**Standard:**

DIN VDE 0295  
EN 60228  
adapted to DIN VDE 48201 (construction)  
EN 50164 (for cross-section  $\geq 50 \text{ mm}^2$ )



**Bending radius (min.):**

15 x  $\varnothing$  of rope

### APPLICATION

Conductors are designed for connection of points with equal electric potential or for high currents and low voltages.

Nominal cross section (mm <sup>2</sup> )	Number of wires in the rope (pcs)	Outer diameter max. (mm)	Direction of outer layer	Max. conductor resistance (Ω/km)	Total weight max. (kg/km)	Standard lengths/packing (m)
<b>Cu conductor stranded (class 2) non-compressed</b>						
10	7	4.2	right (Z)	1.830	90	500 D, 1,000 D
16	7	5.3	right (Z)	1.150	145	500 D, 1,000 D
25	7	6.6	right (Z)	0.727	225	500 D, 1,000 D
35	7	7.9	right (Z)	0.524	315	500 D, 1,000 D
50	19	9.1	right (Z)	0.387	450	500 D, 1,000 D
70	19	11.0	right (Z)	0.268	625	500 D, 1,000 D
95	19	12.9	right (Z)	0.193	850	500 D, 1,000 D
120	37	14.5	right (Z)	0.153	1,070	500 D, 1,000 D
150	37	16.2	right (Z)	0.124	1,340	500 D, 1,000 D
185	37	18.0	right (Z)	0.099	1,650	500 D, 1,000 D
240	61	20.6	right (Z)	0.075	2,150	500 D, 1,000 D
300	61	23.1	right (Z)	0.060	2,680	500 D, 1,000 D
400	61	26.1	right (Z)	0.047	3,570	500 D
500	61	29.2	right (Z)	0.037	4,460	500 D

Subject to technical changes.