

## Cu rope

### Cu rope, soft, compressed

## DESIGN



## TECHNICAL DATA



**Standard:**  
EN 60228  
adapted to EN 50164  
(for cross-section  $\geq 50 \text{ mm}^2$ )



**Bending radius (min.):**  
 $15 \times \varnothing$  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 (mm) ca.	Direction of outer layer	Max. conductor resistance (Ω/km)	Total weight max. (kg/km)	Standard lengths/packing (m)
<b>Cu conductor stranded (class 2) compressed</b>						
6	7	2.9	left (S)	3.080	55	500 D, 1,000 D
10	7	4.2	left (S)	1.830	90	500 D, 1,000 D
16	7	5.3	left (S)	1.150	145	500 D, 1,000 D
25	7	6.6	left (S)	0.727	225	500 D, 1,000 D
35	7	7.9	left (S)	0.524	315	500 D, 1,000 D
50	7	8.2	left (S)	0.387	450	500 D, 1,000 D
50	19	8.2	left (S)	0.387	450	500 D, 1,000 D
70	19	9.9	left (S)	0.268	625	500 D, 1,000 D
95	19	11.7	left (S)	0.193	850	500 D, 1,000 D
120	19	13.1	left (S)	0.153	1,070	500 D, 1,000 D
150	19	14.4	left (S)	0.124	1,340	500 D, 1,000 D
150	37	14.4	left (S)	0.124	1,340	500 D, 1,000 D
185	37	16.1	left (S)	0.099	1,650	500 D, 1,000 D
240	37	18.6	left (S)	0.075	2,150	500 D, 1,000 D
300	61	20.7	left (S)	0.060	2,680	500 D, 1,000 D
400	61	24.1	left (S)	0.047	3,570	500 D
500	61	26.9	left (S)	0.037	4,460	500 D

Subject to technical changes.