

Cu rope

Cu rope, hard, non-compressed

DESIGN



TECHNICAL DATA



Standard:
DIN VDE 48201



Bending radius (min.):
15 x Ø 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 ²)	Number of wires in the rope (pcs)	Outer diameter (mm) ca.	Direction of outer layer	Tensile strength min. (kN)	Total weight max. (kg/km)	Standard lengths/packing (m)
Cu conductor stranded (class 2) non-compressed						
10	7	4.1	right (Z)	4.02	90	500 D, 1,000 D
16	7	5.1	right (Z)	6.37	145	500 D, 1,000 D
25	7	6.3	right (Z)	9.72	225	500 D, 1,000 D
35	7	7.5	right (Z)	13.77	315	500 D, 1,000 D
50	7	9.0	right (Z)	19.84	450	500 D, 1,000 D
50	19	9.0	right (Z)	19.38	450	500 D, 1,000 D
70	19	10.5	right (Z)	26.38	625	500 D, 1,000 D
95	19	12.5	right (Z)	37.39	850	500 D, 1,000 D
120	19	14.0	right (Z)	46.90	1,070	500 D, 1,000 D
150	37	15.8	right (Z)	58.98	1,340	500 D, 1,000 D
185	37	17.5	right (Z)	72.81	1,650	500 D, 1,000 D
240	61	20.3	right (Z)	97.23	2,150	500 D, 1,000 D
300	61	22.5	right (Z)	120.04	2,680	500 D, 1,000 D
400	61	26.0	right (Z)	160.42	3,570	500 D
500	61	29.1	right (Z)	200.38	4,460	500 D

Subject to technical changes.