

CuSn rope

CuSn rope, soft, non-compressed

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DESIGN



TECHNICAL DATA



Standard:

adapted to DIN VDE 48201 (construction)
EN 60228
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 ²)	Number of wires in the rope (pcs)	Outer diameter (mm) ca.	Thickness of the tin layer (µm)	Direction of outer layer	Max. conductor resistance (Ω/km)	Total weight max. (kg/km)	Standard lengths/packing (m)
Cu conductor stranded (class 2) non-compressed							
25	7	6.5	2-3	right (Z)	0.734	225	500 D, 1,000 D
35	7	7.5	2-3	right (Z)	0.529	310	500 D, 1,000 D
50	19	9.0	2-3	right (Z)	0.376	450	500 D, 1,000 D
70	19	10.5	2-3	right (Z)	0.270	625	500 D, 1,000 D
95	19	12.5	2-3	right (Z)	0.195	850	500 D, 1,000 D
120	37	14.5	2-3	right (Z)	0.154	1,070	500 D, 1,000 D
150	37	16.2	2-3	right (Z)	0.126	1,340	500 D, 1,000 D
185	37	18.0	2-3	right (Z)	0.100	1,650	500 D, 1,000 D
240	61	20.6	2-3	right (Z)	0.076	2,150	500 D, 1,000 D
300	61	22.5	2-3	right (Z)	0.061	2,680	500 D, 1,000 D

Subject to technical changes.