

CuSn rope

CuSn 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.	Thickness of the tin layer (µm)	Direction of outer layer	Tensile strenght min. (kN)	Total weight max. (kg/km)	Standard lengths/packing (m)
Cu conductor stranded (class 2) non-compressed							
25	7	6.5	2-3	right (Z)	9.72	225	500 D, 1,000 D
35	7	7.5	2-3	right (Z)	13.77	315	500 D, 1,000 D
50	19	9.0	2-3	right (Z)	19.84	450	500 D, 1,000 D
50	19	9.0	2-3	right (Z)	19.84	450	500 D, 1,000 D
70	19	10.5	2-3	right (Z)	26.38	625	500 D, 1,000 D
95	19	12.5	2-3	right (Z)	37.39	850	500 D, 1,000 D
120	19	14.0	2-3	right (Z)	46.90	1,070	500 D, 1,000 D
120	37	14.0	2-3	right (Z)	46.90	1,070	500 D, 1,000 D
150	37	15.8	2-3	right (Z)	58.98	1,340	500 D, 1,000 D
185	37	17.5	2-3	right (Z)	72.81	1,650	500 D, 1,000 D
240	61	20.3	2-3	right (Z)	97.23	2,150	500 D, 1,000 D

Subject to technical changes.