



Construction

Stranded Copper Conductors are produced by stranding of hard copper wires to obtain maximum tensile strength in accordance with TS-3 standart. Round steel wires are stranded around a central element in one or more layers.

Standards

TS-2, TS-3, TS EN 13602, DIN 48201

Nominal Cross-Section	Number of Wire/Wire Diameter	Overall Diameter of Cables (approx)	Net Weight (approx)	DC Conductor Resistance at 20°C de max	Max Break Strength
mm ²	Number/mm	mm	kg/km	Ω/km	kN
10	7/1,32	3,96	85,8	1,915	3,96
16	7/1,70	5,1	142,4	1,154	6,5
25	7/2,12	6,36	221,4	0,742	9,99
35	7/2,50	7,5	308	0,534	13,91
50	7/3,00	9	443,5	0,369	19,57
50	19/1,80	9	436,3	0,384	19,36
70	19/2,12	10,6	605,2	0,275	26,55
95	19/2,50	12,5	841,7	0,198	36,93
120	19/2,80	14	1056	0,158	45,27
150	37/2,24	15,68	1320	0,127	57,73
185	37/2,50	17,5	1644	0,102	71,91
240	61/2,24	20,2	2179	0,077	95,17
300	61/2,24	22,55	2715	0,062	118,56