

# Bare copper strands

**Standard: IEC 60228**

**Application:**

For the conductive connection of metallic construction elements to ground and similar.



2,1

**Construction:**

- 1 Copper wires, bare or tinned, annealed
- 2 Copper strand, round, compacted

Nominal cross section (mm <sup>2</sup> )	Number of wires max./min.	Max. conductor resistance (Ω/km)	Outer diameter (mm) appr.	Cu-value (kg/km)	Standard lengths/packing (m)	Price (EUR/km)
<b>Bare copper strands (class 2)</b>						
10	7/6	1.8300	3.7	100	1000 T	a.A.
16	7/6	1.1500	4.7	160	1000 T	1,059.74
25	7/6	0.7270	6.0	250	1000 T	1,678.99
35	7/6	0.5240	6.9	350	1000 T	<b>2,328.49</b>
50	7/6	0.3870	8.2	500	1000 T	<b>3,300.05</b>
50	19/12	0.3870	8.2	500	1000 T	<b>3,300.05</b>
70	19/12	0.2680	9.8	700	1000 T	<b>4,602.53</b>
95	19/15	0.1930	11.6	950	1000 T	<b>6,381.91</b>
120	19/18	0.1530	13.1	1,200	1000 T	7,848.39
150	19/18	0.1240	14.4	1,500	1000 T	9,714.76
185	37/30	0.0991	16.2	1,850	1000 T	12,231.21
240	37/34	0.0754	18.7	2,400	1000 T	15,584.77
300	37/34	0.0601	21.1	3,000	1000 T	a.A.

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<b>Tinned copper strands (class 2)</b>						
10	7/6	1.8400	3.7	100	1000 T	a.A.
16	7/6	1.1600	4.7	160	1000 T	1,164.76
25	7/6	0.7340	6.0	250	1000 T	1,846.96
35	7/6	0.5290	6.9	350	1000 T	<b>2,561.35</b>
50	7/6	0.3910	8.2	500	1000 T	3,630.04
50	19/12	0.3910	8.2	500	1000 T	<b>3,630.04</b>
70	19/12	0.2700	9.8	700	1000 T	<b>5,062.80</b>
95	19/15	0.1950	11.6	950	1000 T	<b>7,020.00</b>
120	19/18	0.1540	13.1	1,200	1000 T	8,633.28
150	19/18	0.1260	14.4	1,500	1000 T	10,686.33
185	37/30	0.1000	16.2	1,850	1000 T	13,454.36
240	37/34	0.0762	18.7	2,400	1000 T	17,143.14

Subject to technical changes. All figures are therefore without guarantee.