

Copper rope

Cu bare, hard drawn



Application: Hard-drawn conductors are used primarily as overhead lines. Their mathematical tensile strength is 400 N/sqmm.

Soft annealed conductors have a calculated tensile strength of 200 N/sqmm, whereas for hard drawn conductors this value is 400 N/sqmm.

Construction and technical data:

Standard:	DIN 48201/1
Conductor material:	Cu, bare, hard drawn
Conductor construction:	Class 2 = stranded

The products and information presented here are for technical calculation only. They are subject to technical progress and in no way represent the ability of shipment. Outer diameters are approximately.

Copper conductor, hard drawn, bare

part no.	part name	RI [Ohm/km]	Ø [mm]	Cu	G [kg]
015620	1X10 sqmm (7 wires)	1.83	4.1	96	90
013711	1X16 sqmm (7 wires)	1.15	5.1	154	154
013160	1X25 sqmm (7 wires)	0.727	6.3	240	240
012865	1X35 sqmm (7 wires)	0.524	7.5	336	336
014214	1X35 sqmm (19 wires)	0.524	7.6	336	336
013712	1X50 sqmm (7 wires)	0.387	9	480	480
013244	1X50 sqmm (19 wires)	0.387	9	480	480
014386	1X70 sqmm (7 wires)	0.268	10.7	672	672
013824	1X70 sqmm (19 wires)	0.268	10.5	672	672
012766	1X95 sqmm (19 wires)	0.193	12.5	912	912
015804	1X150 sqmm (37 wires)	0.124	15.5	1440	1440

RI	Conductor resistance
Ø	outer diameter approx.
Cu	Copper weight (GER)
G	net weight per 1000