

# Copper rope, Cu bare, hard drawn

## DESIGN

**Conductor**  
Class 2 = Stranded

**Conductor material**  
Cu, bare, hard drawn

**Standard**  
DIN 48201/1



## APPLICATIONS

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

## DIMENSIONS

Part Number	Cross Section (mm <sup>2</sup> )	Conductor Resistance (Ohm/km)	Outer Diameter (mm)	Copper Weight (Kg/km)	Weight (Kg)
CR-001	1X10 sqmm (7x1.35mm)	1.83	4.1	96	90
CR-002	1X16 sqmm (7x1.7mm)	1.15	5.1	154	154
CR-003	1X25 sqmm (7x2.1mm)	0.727	6.3	240	240
CR-004	1X35 sqmm (7x2.5mm)	0.524	7.5	336	336
CR-005	1X35 sqmm (19x1.53mm)	0.524	7.6	336	336
CR-006	1X50 sqmm (7x3mm)	0.387	9	480	480
CR-007	1X50 sqmm (19x1.8mm)	0.387	9	480	480
CR-008	1X70 sqmm (7x3.55mm)	0.268	10.7	672	672
CR-009	1X70 sqmm (19x2.1mm)	0.268	10.5	672	672
CR-010	1X95 sqmm (19x2.5mm)	0.193	12.5	912	912

\*\* The product and information presented in this document are for calculation only and subject to technical progress. Outer diameters are approximately \*\*