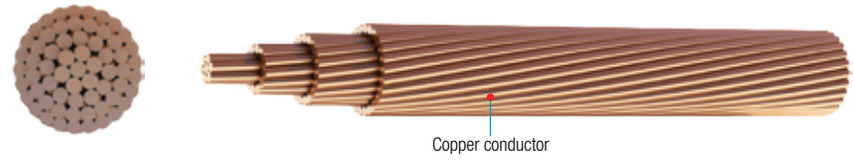

Copper Conductors

Description

- Plain bare soft drawn Copper conductors as per IEC 60228 class 2.
- Plain bare hard drawn Copper conductors as per DIN 48201.

Application

- Soft drawn Copper conductors are used for grounding electrical systems, where high conductivity and flexibility are required.
- Hard Drawn Copper conductors are used in overhead electrical distribution networks.

Product-Code	Nominal Cross Sectional Area	Number and Nominal Diameter of Wires	Max. DC Resistance at 20 ^{0}C	Approx. Overall Diameter	Approx. Weight
	mm^2	No x ø (mm)	Ω / km	mm	kg / km
a - Bare soft drawn					
C014BX01	10	7 x 1.33	1.8300	3.99	86
C015BX01	16	7 x 1.67	1.1500	5.01	136
C016BX01	25	7 x 2.1	0.7270	6.3	215
C017BX01	35	7 x 2.48	0.5240	7.44	298
C018BX01	50	19 x 1.77	0.3870	8.85	418
C019BX01	70	19 x 2.1	0.2680	10.5	595
C020BX01	95	19 x 2.48	0.1930	12.4	820
C021BX01	120	37 x 2	0.1530	14	1040
C022BX01	150	37 x 2.23	0.1240	15.61	1295
C023BX01	185	37 x 2.48	0.0991	17.36	1600
C024BX01	240	61 x 2.23	0.0754	20.07	2140
C025BX01	300	61 x 2.48	0.0601	22.31	2640
C026BX01	400	61 x 2.82	0.0470	25.38	3415
C027BX01	500	61 x 3.2	0.0366	28.8	4400
b - Bare hard drawn					
H014BX01	10	7 x 1.35	1.8290	4.1	90
H015BX01	16	7 x 1.70	1.1540	5.1	143
H016BX01	25	7 x 2.10	0.7563	6.3	218
H017BX01	35	7 x 2.50	0.5337	7.5	310
H018BX01	50	7 x 3.00	0.3706	9.0	446
H018BX01	50	19 x 1.80	0.3819	9.0	437
H019BX01	70	19 x 2.10	0.2806	10.5	596
H020BX01	95	19 x 2.50	0.1980	12.5	845
H021BX01	120	19 x 2.80	0.1578	14.0	1060
H022BX01	150	37 x 2.25	0.1264	15.8	1337
H023BX01	185	37 x 2.50	0.1024	17.5	1649
H024BX01	240	61 x 2.25	0.07528	20.3	2209
H025BX01	300	61 x 2.50	0.06097	22.5	2725
H026BX01	400	61 x 2.89	0.0456	26.0	3640
H027BX01	500	61 x 3.23	0.0365	29.1	4545

The above data is approximate and subjected to manufacturing tolerance.