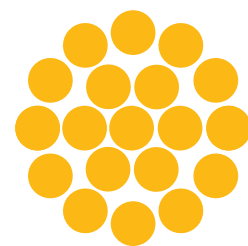


Bare Copper Conductors

For grounding electrical systems and equipment

Standard : IEC 60228
Conductor : Soft annealed stranded copper wires
Packing : Coils or Non returnable wooden drums as per customer requirements



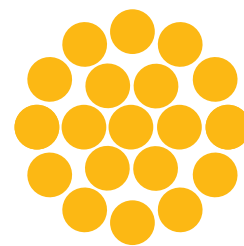
TECHNICAL INFORMATION

Nominal Cross Section	Number & nominal wire diameter	Approx. Overall diameter	Approx. Conductor weight	Max DC Resistance at 20°C
mm ²	NR x mm	mm	Kg/km	ohm/km
4	7x0.84	2.5	35	4.610
6	7x1.03	3.1	50	3.080
10	7x1.33	4.0	90	1.830
16	7x1.617	5.0	140	1.150
25	7x2.11	6.3	220	0.727
35	7x2.48	7.44	300	0.524
50	19x1.76	8.8	415	0.387
70	19x2.12	10.55	595	0.268
95	19x2.48	12.4	820	0.193
120	37x2.00	14.14	1060	0.153
150	37x2.22	15.6	1290	0.124
185	37x2.48	17.36	1600	0.0991
240	61x2.22	20.0	2130	0.0754
300	61x2.48	22.32	2645	0.0601
400	61x2.82	25.4	3455	0.0470
500	61x3.17	28.6	4365	0.0366

Bare Copper Conductors

For transmission and distribution in electrical networks

Standard : DIN 48201-Part 1
Conductor : Hard drawn stranded copper wires
Packing : Non returnable wooden drums as per customer requirements



TECHNICAL INFORMATION

Nominal Cross Section	Number & nominal wire diameter	Approx. Overall diameter	Approx. Conductor weight	Max DC Resistance at 20°C	Calculated Breaking Load
mm ²	NR x mm	mm	Kg/km	ohm/km	KN
10	7x1.35	4.05	90	1.8060	4.1
16	7x1.70	5.1	145	1.1385	6.5
25	7x2.10	6.3	220	0.7461	9.9
35	7x2.50	7.5	310	0.5264	14.0
50	19x1.80	9.0	435	0.3759	19.8
70	19x2.10	10.5	595	0.2762	26.9
95	19x2.50	12.5	845	0.1949	38.1
120	19x2.80	14.0	1065	0.1554	47.8
150	37x2.25	15.7	1335	0.1238	60.1
185	37x2.50	17.5	1650	0.1003	74.2
240	61x2.25	20.2	2210	0.0753	99.0
300	61x2.50	22.5	2725	0.0610	122.3
400	61x2.89	26.0	3640	0.0456	163.4
500	61x3.23	29.1	4545	0.0365	204.2

Overhead Lines 