

SOFT /HARD DRAWN BARE COPPER CONDUCTORS

Size	No. strand x diameter	Approx. Overall diameter	Approx. weight	Max. d.c. resistance
mm ²	N x dmm	mm	Kg/km	Ω/km
Soft Drawn				
1	7x0.42	1.29	9	18.1
1.5	7x0.52	1.59	13	12.1
2.5	7x0.67	2.01	22	7.41
4	7x0.85	2.55	35	4.61
6	7x1.04	3.12	53	3.08
10	7x1.35	4.05	89	1.83
16	7x1.7	5.1	142	1.15
25	7x2.14	6.42	225	0.727
35	7x2.52	7.56	312	0.524
50	19x1.78	8.9	445	0.387
70	19x2.14	10.7	623	0.268
95	19x2.52	12.6	845	0.193
120	37x2.03	14.2	1068	0.153
150	37x2.25	15.81	1335	0.124
185	37x2.52	17.61	1646	0.099
1x240	37x2.88	20.2	2136	0.0754
1x300	61x2.50	22.7	2670	0.0601
Hard Drawn				
10	7x1.35	4.1	89	1.83
16	7x1.7	5.1	142	1.15
25	7x2.12	6.3	222	0.727
35	7x2.5	7.5	312	0.524
50	19x1.8	9	445	0.387



70	19x2.1	10.5	623	0.268
95	19x2.5	12.5	845	0.193
120	19x2.8	14	1068	0.153
150	37x2.25	15.8	1335	0.124
185	37x2.5	17.5	1646	0.099