COPPER CONDUCTORS OF ANNULAR CROSS-SECTION

Copper Conductors of annular cross-section, ambient tempreture 35°C, conductor temperature 65°C, with alternating current, phase centre-line distance ≥ 2.5 x outside diameter

Outside Diameter	Wall Thickness	Cross Section	Weight [1]	Material [2]	Continuous Current in A d.c. and a.c. up to 60Hz			
					Indoor		Outdoor	
mm	mm	mm²	kg/m		Painted	Bare	Painted	Bare
20	2	113	1	E-Cu F 37	384	329	460	449
	3	160	1	E-Cu F 37	457	392	548	535
	4	201	2	E-Cu F 30	512	438	613	599
	5	236	2	E-Cu F30	554	475	664	648
	6	264	2	E-Cu F 25	591	506	708	691
32	2	188	2	E-Cu F 37	602	508	679	660
	3	273	2	E-Cu F 37	725	611	818	794
	4	352	3	E-Cu F 30	821	693	927	900
	5	424	4	E-Cu F 30	900	760	1020	987
	6	490	4	E-Cu F 25	973	821	1100	1070
40	2	239	2	E-Cu F 37	744	624	816	790
	3	349	3	E-Cu F 37	899	753	986	955
	4	452	4	E-Cu F 30	1020	857	1120	1090
	5	550	5	E-Cu F 30	1130	944	1240	1200
	6	641	6	E-Cu F 25	1220	1020	1340	1300
50	3	443	4	E-Cu F 37	1120	928	1190	1150
	4	578	5	E-Cu F 30	1270	1060	1360	1310
	5	707	6	E-Cu F 30	1410	1170	1500	1450
	6	829	7	E-Cu F 25	1530	1270	1630	1570
	8	1060	9	E-Cu F 25	1700	1420	1820	1750
63	3	565	5	E-Cu F 30	1390	1150	1440	1390
	4	741	7	E-Cu F 30	1590	1320	1650	1590
	5	911	8	E-Cu F 30	1760	1460	1820	1750
	6	1070	10	E-Cu F 25	1920	1590	1990	1910
	8	1380	12	E-Cu F 25	2150	1780	2230	2140
80	3	726	6	E-Cu F 30	1750	1440	1760	1690
	4	955	9	E-Cu F 30	2010	1650	2020	1930
	5	1180	11	E- Cu F 30	2230	1820	2230	2140
	6	1400	12	E-Cu F 25	2430	1990	2440	2340
	8	1810	16	E-Cu F 25	2730	2240	2740	2630
100	3	914	8	E-Cu F 30	2170	1770	2120	2020
	4	1210	11	E-Cu F 30	2490	2030	2430	2320
	5	1490	13	E-Cu F 30	2760	2250	2700	2580
	6	1770	16	E-Cu F 25	3020	2460	2950	2820
	8	2310	21	E-Cu F 25	3410	2780	3330	3180

[1] Calculated for a density of 8.9kg/dm³. Prefered outside diameters in heavy type.

[2] Material: E-Cu or other material to DIN 40 500 Sheet 2; semi-finished material to be used: tube to DIN 1754.