

Yuvarlak Bakır Teller Ağırlık ve Dirençler

Weight and Resistance of Round Copper Conductors

ÇAP (mm) Diameter	KESİT (mm ²) Cross-section	AĞIRLIK (kg/km) Weight	UZUNLUK (m/kg) Length	D.C. DİRENÇİ (Ω/km) D.C. Resistance	ÇAP (mm) Diameter	KESİT (mm ²) Cross-section	AĞIRLIK (kg/km) Weight	UZUNLUK (m/kg) Length	D.C. DİRENÇİ (Ω/km) D.C. Resistance
0.05	0.0019635	0.0175	56970	8783.0	0.41	0.13202	1.180	847	130.6
0.06	0.0028274	0.0253	39590	6098.0	0.42	0.13854	1.289	807	124.4
0.07	0.0038485	0.0344	29065	4480.0	0.43	0.14522	1.298	771	118.7
0.08	0.0050266	0.0450	22222	3430.0	0.44	0.15205	1.359	736	113.4
0.09	0.0063617	0.0569	17584	2710.0	0.45	0.15904	1.422	703	108.4
0.10	0.0078540	0.0702	14242	2195.0	0.46	0.16619	1.486	673	103.7
0.11	0.0095033	0.0849	11760	1814.0	0.47	0.17349	1.551	645	99.38
0.12	0.011310	0.101	9901	1524.0	0.48	0.18096	1.618	618	95.28
0.13	0.013273	0.119	8403	1299.0	0.49	0.18857	1.686	593	91.43
0.14	0.015394	0.138	7247	1120.0	0.50	0.19635	1.755	570	87.81
0.15	0.017671	0.158	6330	975.7	0.51	0.20428	1.826	548	84.40
0.16	0.020106	0.180	5556	857.5	0.52	0.21237	1.899	527	81.18
0.17	0.022698	0.203	4926	759.6	0.53	0.22062	1.972	507	78.15
0.18	0.025447	0.228	4386	677.5	0.54	0.22902	2.047	489	75.28
0.19	0.028353	0.253	3953	608.1	0.55	0.23758	2.124	471	72.57
0.20	0.031416	0.281	3559	548.8	0.56	0.24630	2.202	454	70.00
0.21	0.034636	0.310	3226	497.8	0.57	0.25518	2.281	439	67.56
0.22	0.038013	0.340	2941	453.6	0.58	0.26421	2.362	423	65.25
0.23	0.041548	0.371	2695	415.0	0.59	0.27340	2.444	409	63.06
0.24	0.045238	0.404	2477	381.1	0.60	0.28274	2.528	396	61.00
0.25	0.049087	0.439	2278	351.2	0.61	0.29225	2.613	386	58.99
0.26	0.053093	0.475	2105	324.7	0.62	0.30191	2.699	371	57.11
0.27	0.057256	0.512	1953	301.1	0.63	0.31172	2.787	359	55.31
0.28	0.061575	0.551	1815	280.0	0.64	0.32170	2.876	348	53.59
0.29	0.066052	0.590	1695	261.0	0.65	0.33183	2.967	337	51.96
0.30	0.070686	0.632	1582	243.9	0.66	0.34212	3.059	327	50.39
0.31	0.075477	0.675	1481	228.4	0.67	0.35257	3.152	317	48.90
0.32	0.080425	0.719	1391	214.4	0.68	0.36317	3.247	308	47.47
0.33	0.085530	0.765	1307	201.6	0.69	0.37393	3.343	299	46.11
0.34	0.090792	0.812	1232	189.9	0.70	0.38485	3.441	291	44.80
0.35	0.096211	0.860	1163	179.2	0.71	0.39592	3.540	282	43.55
0.36	0.10179	0.910	1100	169.4	0.72	0.40715	3.640	275	42.35
0.37	0.10752	0.961	1041	160.4	0.73	0.41854	3.742	267	41.19
0.38	0.11341	1.014	986	152.0	0.74	0.43009	3.845	260	40.09
0.39	0.11946	1.067	937	144.3	0.75	0.44179	3.950	253	39.03
0.40	0.12566	1.123	890	137.2	0.76	0.45365	4.056	247	38.01

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0.77	0.46566	4.163	240	37.02	1.70	2.2698	20.292	49.26	7.596
0.78	0.47784	4.272	234	36.08	1.80	2.5447	22.750	43.86	6.775
0.79	0.49017	4.382	228	35.17	1.90	2.8353	25.348	39.53	6.081
0.80	0.50266	4.494	223	34.30	2.00	3.1416	28.086	35.59	5.488
0.81	0.51530	4.607	217	33.46	2.10	3.4636	30.965	32.26	4.978
0.82	0.52810	4.721	212	32.65	2.20	3.8013	33.984	29.41	4.536
0.83	0.54106	4.837	207	31.87	2.30	4.1548	37.144	26.95	4.150
0.84	0.55418	4.954	202	31.11	2.40	4.5239	40.444	24.77	3.811
0.85	0.56745	5.073	197	30.38	2.50	4.9088	43.885	22.78	3.512
0.86	0.58088	5.193	193	29.68	2.60	5.3093	47.465	21.05	3.247
0.87	0.59447	5.315	188	29.00	2.70	5.7256	51.187	19.53	3.011
0.88	0.60821	5.437	184	28.35	2.80	6.1575	55.048	18.15	2.800
0.89	0.62212	5.562	180	27.71	2.90	6.6052	59.050	16.95	2.610
0.90	0.63617	5.687	176	27.10	3.00	7.0686	63.193	15.82	2.439
0.91	0.65039	5.814	172	26.51	3.10	7.5477	67.476	14.81	2.285
0.92	0.66475	5.943	168	25.87	3.20	8.0425	71.900	13.91	2.144
0.93	0.67929	6.073	165	25.38	3.30	8.5530	76.464	13.07	2.016
0.94	0.69398	6.204	161	24.84	3.40	9.0792	81.168	12.32	1.899
0.95	0.70882	6.337	158	24.32	3.50	9.6212	86.014	11.63	1.792
0.96	0.72382	6.471	155	23.82	3.60	10.179	90.998	11.00	1.694
0.97	0.73898	6.606	151	23.31	3.70	10.752	96.124	10.41	1.604
0.98	0.75430	6.743	148	22.86	3.80	11.344	101.418	9.86	1.520
0.99	0.76977	6.882	145	22.40	3.90	11.946	106.796	9.37	1.443
1.00	0.78540	7.021	142.42	21.95	4.00	12.566	112.344	8.90	1.372
1.10	0.95033	8.496	117.60	18.14	4.10	13.203	118.031	8.47	1.306
1.20	1.310	10.111	99.01	15.24	4.20	13.855	123.859	8.07	1.244
1.30	1.3273	11.866	84.03	12.99	4.30	14.522	129.827	7.71	1.187
1.40	1.5394	13.762	72.47	11.20	4.40	15.205	135.935	7.36	1.134
1.50	1.7672	15.799	63.30	9.756	4.50	15.904	142.185	7.03	1.084
1.60	2.0106	17.975	55.56	8.575	4.60	16.619	148.575	6.73	1.037

Dairesel kesit alanlı çekilmiş bakır özgül ağırlığı 20 °C de 8.94 g/cm³tür.

Round copper's specific gravity is 8.94 g/cm³ at 20 °C.

Tavllanmış bakırın öziletkenliği 20 °C'de 0.017241 Ω x mm²/m'dir.

Annealed Copper Conductivity is 0.017241 ohm x mm²/m at 20 °C.