

STANDARD SOLID COPPER WIRE DATA

AWG	Diameter	Circular Mills	Ohms/1000 Ft. @20 Degrees C	Lbs./1000 Ft.	Ft./Lb.
0	.3249	105,600	.09827	319.5	3.130
1	.2893	83,690	.1239	253.3	3.947
2	.2576	66,360	.1563	200.9	4.977
3	.2294	52,620	.1970	159.3	6.276
4	.2043	41,740	.2485	126.4	7.914
5	.1819	33,100	.3133	100.2	9.980
6	.1620	26,250	.3951	79.46	12.58
7	.1443	20,820	.4982	63.02	15.87
8	.1285	16,510	.6282	49.98	20.01
9	.1144	13,090	.7921	39.63	25.23
10	.1019	10,380	.9989	31.43	31.82
11	.0907	8,230	1.26	24.9	40.2
12	.0808	6,530	1.59	19.8	50.6
13	.0720	5,180	2.00	15.7	63.7
14	.0641	4,100	2.52	12.4	80.4
15	.0571	3,260	3.18	9.87	101
16	.0508	2,580	4.02	7.81	128
17	.0453	2,050	5.05	6.21	161
18	.0403	1,620	6.39	4.92	203
19	.0359	1,290	8.05	3.90	256
20	.0320	1,020	10.1	3.10	323
21	.0285	812	12.8	2.46	407
22	.0253	640	16.2	1.94	516
23	.0226	511	20.3	1.55	647
24	.0201	404	25.7	1.22	818
25	.0179	320	32.4	0.970	1030
26	.0159	253	41.0	.765	1310
27	.0142	202	51.4	.610	1640
28	.0126	159	65.3	.481	2080
29	.0113	128	81.2	.387	2590
30	.0100	100	104.	.303	3300
31	.0089	79.2	131.	.240	4170
32	.0080	64.0	162.	.194	5160
33	.0071	50.4	206.	.153	6550
34	.0063	39.7	261.	.120	8320
35	.0056	31.4	331.	.0949	10500
36	.0050	25.0	415.	.0757	13200
37	.0045	20.0	512.	.0613	16300
38	.0040	16.0	648.	.0484	20600
39	.0035	12.0	847.	.0371	27000
40	.0031	10.0	1080.	.0291	34400