



Technical

Wire Gage Data

Wire Gauge Size Equivalents.

AWG or B & S Number	Diameter		Cross Section Area		
	Inches	MM	Square Inches	Square MM	Circular Mils
0000	.4600	11.68	.1662	107.2	211600.
000	.4096	10.40	.1318	85.03	167800.
00	.3648	9.266	.1045	67.43	133100.
0	.3249	8.252	.08289	53.48	105500.
1	.2893	7.348	.06573	42.41	83690.
2	.2576	6.543	.05123	33.63	66370.
3	.2294	5.827	.04134	26.27	52630.
4	.2043	5.189	.03278	21.15	41740.
5	.1819	4.620	.02600	16.77	33100.
6	.1620	4.115	.02062	13.30	26250.
7	.1443	3.665	.01635	10.55	20820.
8	.1285	3.264	.01297	8.366	16510.
9	.1144	2.906	.01028	6.634	13090.
10	.1019	2.588	.008156	5.261	10380.
11	.09074	2.305	.006467	4.172	8234.
12	.08081	2.053	.005129	3.309	6530.
13	.07196	1.828	.004067	2.624	5178.
14	.06408	1.628	.003225	2.081	4107.
15	.05707	1.450	.002558	1.650	3257.
16	.05082	1.291	.002028	1.309	2583.
17	.04526	1.150	.001609	1.038	2048.
18	.04030	1.024	.001276	.8231	1600.
19	.03589	.9116	.001012	.6527	1288.
20	.03196	.8118	.0008023	.5176	1022.
21	.02846	.7229	.0006363	.4105	810.1
22	.02535	.6439	.0005046	.3256	642.4
23	.02257	.5733	.0004001	.2582	509.5
24	.02010	.5105	.0003173	.2047	404.0
25	.01790	.4547	.0002517	.1624	320.4
26	.01584	.4049	.0001996	.1288	254.1
27	.01420	.3607	.0001583	.1021	201.5
28	.01264	.3211	.0001255	.08098	159.8
29	.01126	.2860	.00009954	.06422	126.7
30	.01003	.2548	.00007894	.05093	100.5
31	.008928	.2268	.00006260	.04039	79.7
32	.007950	.2019	.00004964	.03023	63.21
33	.007080	.1796	.00003944	.02545	50.22
34	.006305	.1601	.00003122	.02014	39.75
35	.005615	.1426	.00002476	.01597	31.52
36	.005000	.1270	.00001963	.01267	25.00
37	.004453	.1131	.00001557	.01005	19.83
38	.003965	.1007	.00001235	.00797	15.72
39	.003531	.0897	.00000979	.00632	12.47
40	.003145	.0799	.00000777	.00501	9.888
41	.002800	.0711	.00000616	.00397	7.842
42	.002494	.0633	.00000488	.00315	6.219
43	.002221	.0564	.00000387	.00250	4.932
44	.001978	.0502	.00000307	.00198	3.911
45	.001761	.0447	.00000244	.00157	3.102
46	.001568	.0398	.00000193	.00125	2.460
47	.001397	.0355	.00000153	.00099	1.951
48	.001244	.0316	.00000122	.00078	1.547
49	.001107	.0281	.00000096	.00062	1.227
50	.000986	.0251	.00000076	.00049	.973