

WIRE GAGE TABLE

CONCENTRIC STRANDED CLASS B COPPER AND ALUMINUM CONDUCTORS

Nominal Size Conductor CMIL AWG	lbs/1000 ft.		Number of Wires	Diameter of Wires	Outside Diameter in inches
	Copper	Aluminum			
3,000,000	9353	2843	169	.1332	1.998
2,500,000	7794	2369	127	.1403	1.824
2,000,000	6175	1877	127	.1255	1.632
1,750,000	5403	1642	127	.1174	1.526
1,500,000	4631	1408	91	.1284	1.412
1,250,000	3859	1173	91	.1172	1.289
1,000,000	3088	938.7	61	.1280	1.152
900,000	2779	844.8	61	.1215	1.094
800,000	2470	750.9	61	.1145	1.031
795,000	2466	749.8	61	.1142	1.028
750,000	2316	704.1	61	.1109	.998
700,000	2161	656.9	61	.1071	.964
650,000	2007	610.1	61	.1032	.929
600,000	1853	563.3	61	.0992	.893
550,000	1698	516.2	61	.0950	.855
500,000	1544	469.4	37	.1162	.813
450,000	1389	422.3	37	.1103	.772
400,000	1235	375.5	37	.1040	.728
397,500	1228	373.2	37	.1037	.726
350,000	1081	328.6	37	.0973	.681
300,000	926.3	281.6	37	.0900	.630
250,000	771.9	234.7	37	.0822	.575
0000	653.3	198.6	19	.1055	.528
000	518.1	157.5	19	.0940	.470
00	410.9	124.9	19	.0837	.419
0	325.8	99.04	19	.0745	.373
1	258.4	78.55	19	.0664	.332
2	204.9	62.29	7	.0974	.292
3	162.5	49.40	7	.0867	.260
4	128.9	39.19	7	.0772	.232
5	102.2	31.07	7	.0688	.206
6	81.05	24.64	7	.0612	.184
7	64.28	19.54	7	.0545	.164
8	50.97	15.49	7	.0486	.146
9	40.42	12.29	7	.0432	.130
10	32.06	9.746	7	.0385	.116
12	20.16	6.129	7	.0305	.0915
14	12.68	3.855	7	.0242	.0726
16	7.974	2.424	7	.0192	.0576
18	5.015	1.525	7	.0152	.0456