

WIRE GAUGE CONVERSION

Based On Solid Conductors

Size AWG/MCM	Circular Mils	Normal Cross Section Area MM ²	Nominal Diameter Inches	Nominal Diameter MM	Lbs. Per MFT
36	25.00	0.0123	.0050	.127	.0757
35	31.52	0.0161	.00561	.143	.0954
34	39.75	0.0200	.00630	.160	.1203
33	50.13	0.0252	.00708	.180	.1517
32	63.21	0.0320	.00795	.202	.1913
31	79.70	0.0400	.00893	.227	.2413
30	100.5	0.0503	.01003	.255	.3042
29	126.7	0.0646	.01126	.286	.3836
28	159.8	0.0804	.01264	.321	.4837
27	201.5	0.102	.01420	.361	.6100
26	254.1	0.128	.01594	.405	.7692
25	320.4	0.163	.01790	.455	.9699
24	404.0	0.205	.02010	.511	1.223
23	509.5	0.259	.02257	.573	1.542
22	642.4	0.325	.02535	.644	1.945
21	810.1	0.412	.02846	.723	2.452
20	1,020	0.519	.03196	.812	3.154
18	1,620	0.832	.04030	1.024	5.015
16	2,580	1.31	.0508	1.29	7.974
14	4,110	2.08	.0641	1.63	12.68
12	6,530	3.31	.0808	2.05	20.16
10	10,380	5.27	.1019	2.59	32.06
9	13,090	6.62	.1144	2.91	40.42
8	16,510	8.35	.1285	3.26	51.0
6	26,240	13.3	.1620	4.11	80.9
4	41,740	21.2	.2043	5.19	129
3	52,620	26.7	.2294	5.83	162
2	66,630	33.6	.2576	6.54	205
1	83,690	42.4	.2893	7.35	259
1/0	105,600	53.4	.3249	8.25	326
2/0	133,100	67.5	.3648	9.27	411
3/0	167,800	85.0	.4096	10.40	518
4/0	211,600	107.2	.4600	11.68	653

250,000	250,000	136.0	.4999	12.70	772
300,000	300,000	161.0	.5476	13.91	925
350,000	350,000	193.0	.5917	15.03	1080
400,000	400,000	225.0	.6322	16.06	1236
500,000	500,000	257.0	.7070	17.96	1542
600,000	600,000	322.0	.7744	19.67	1850
750,000	750,000	386.0	.8661	22.00	2316
1,000,000	1,000,000	483.0	.9999	25.40	3086