

| American Wire Gauge (AWG) | Cross section Area mm ² | Diameter | |
|------------------------------|---------------------------------------|----------|-------|
| | | mm | in |
| 0000 | 107.16 | 11.68 | 0.460 |
| 000 | 84.97 | 10.40 | 0.409 |
| 00 | 67.40 | 9.27 | 0.365 |
| 0 | 53.46 | 8.25 | 0.325 |
| 1 | 42.39 | 7.35 | 0.289 |
| 2 | 33.61 | 6.54 | 0.257 |
| 3 | 26.65 | 5.83 | 0.230 |
| 4 | 21.14 | 5.19 | 0.204 |
| 5 | 16.76 | 4.62 | 0.182 |
| 6 | 13.29 | 4.11 | 0.162 |
| 7 | 10.55 | 3.67 | 0.144 |
| 8 | 8.36 | 3.26 | 0.128 |
| 9 | 6.63 | 2.91 | 0.115 |
| 10 | 5.26 | 2.59 | 0.102 |
| 11 | 4.17 | 2.30 | 0.091 |
| 12 | 3.31 | 2.05 | 0.081 |
| 13 | 2.63 | 1.83 | 0.072 |
| 14 | 2.08 | 1.63 | 0.064 |
| 15 | 1.65 | 1.45 | 0.057 |
| 16 | 1.31 | 1.29 | 0.051 |
| 17 | 1.04 | 1.15 | 0.045 |
| 18 | 0.82 | 1.02 | 0.040 |
| 19 | 0.65 | 0.91 | 0.036 |
| 20 | 0.52 | 0.81 | 0.032 |
| 21 | 0.41 | 0.72 | 0.028 |
| 22 | 0.33 | 0.65 | 0.026 |
| 23 | 0.26 | 0.57 | 0.022 |
| 24 | 0.20 | 0.51 | 0.020 |
| 25 | 0.16 | 0.45 | 0.018 |
| 26 | 0.13 | 0.40 | 0.016 |



| MCM or kcmil | Circular mils | Cross section Area | | Diameter | |
|--------------|---------------|--------------------|-----------------|----------|-------|
| | | mm ² | in ² | mm | in |
| 250 | 250000 | 126.677 | 0.1963 | 12.70 | 0.500 |
| 300 | 300000 | 152.012 | 0.2356 | 13.91 | 0.548 |
| 350 | 350000 | 177.348 | 0.2749 | 15.03 | 0.592 |
| 400 | 400000 | 202.683 | 0.3142 | 16.06 | 0.632 |
| 450 | 450000 | 228.018 | 0.3534 | 17.04 | 0.671 |
| 500 | 500000 | 253.354 | 0.3927 | 17.96 | 0.707 |
| 600 | 600000 | 304.025 | 0.4712 | 19.67 | 0.774 |
| 700 | 700000 | 354.695 | 0.5498 | 21.25 | 0.837 |
| 750 | 750000 | 380.031 | 0.5890 | 22.00 | 0.866 |
| 800 | 800000 | 405.366 | 0.6283 | 22.72 | 0.894 |
| 900 | 900000 | 456.037 | 0.7069 | 24.10 | 0.949 |
| 1000 | 1000000 | 506.708 | 0.7854 | 25.40 | 1.000 |
| 1250 | 1250000 | 633.384 | 0.9817 | 28.40 | 1.118 |
| 1500 | 1500000 | 760.061 | 1.1781 | 31.11 | 1.225 |
| 1750 | 1750000 | 886.738 | 1.3744 | 33.60 | 1.323 |
| 2000 | 2000000 | 1013.415 | 1.5708 | 35.92 | 1.414 |

