


WIRE, CABLE & TUBING

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CONDUCTOR DATA, SOLID, BARE

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| Gauge | Nominal O.D. (inches) | Area (Circular Mils) | Weight (Lbs/Mft) | Resistance @20°C (ohms/Mft) |
|-------|--------------------------|-------------------------|---------------------|-----------------------------------|
| 10 | .1019 | 10380.0 | 31.43 | .9989 |
| 11 | .0907 | 8234.0 | 24.92 | 1.260 |
| 12 | .0808 | 6530.0 | 19.77 | 1.588 |
| 13 | .0720 | 5178.0 | 15.68 | 2.003 |
| 14 | .0641 | 4107.0 | 12.43 | 2.525 |
| 15 | .0571 | 3260.0 | 9.858 | 3.184 |
| 16 | .0508 | 2583.0 | 7.818 | 4.016 |
| 17 | .0453 | 2050.0 | 6.200 | 5.064 |
| 18 | .0403 | 1620.0 | 4.917 | 6.385 |
| 19 | .0359 | 1200.0 | 3.899 | 8.051 |
| 20 | .0320 | 1020.0 | 3.092 | 10.15 |
| 21 | .0285 | 812.1 | 2.452 | 12.80 |
| 22 | .0253 | 640.4 | 1.945 | 16.14 |
| 23 | .0226 | 511.5 | 1.542 | 20.36 |
| 24 | .0201 | 404.0 | 1.223 | 25.67 |
| 25 | .0179 | 320.4 | .9699 | 32.37 |
| 26 | .0159 | 253.0 | .7692 | 40.81 |
| 27 | .0142 | 201.5 | .6100 | 51.47 |
| 28 | .0126 | 159.8 | .4837 | 64.90 |
| 29 | .0113 | 1226.7 | .3836 | 81.83 |
| 30 | .0100 | 100.5 | .3042 | 103.2 |
| 31 | .0089 | 79.7 | .2413 | 130.1 |
| 32 | .0080 | 63.21 | .1913 | 164.1 |
| 33 | .0071 | 50.13 | .1517 | 206.9 |
| 34 | .0063 | 39.75 | .1203 | 260.9 |
| 35 | .0056 | 31.52 | .09542 | 331.0 |
| 36 | .0050 | 25.00 | .07568 | 414.8 |
| 37 | .0045 | 19.83 | .0613 | 512.1 |
| 38 | .0040 | 15.72 | .04759 | 648.6 |
| 39 | .0035 | 12.20 | .03774 | 847.8 |
| 40 | .0031 | 9.61 | .02993 | 1080.0 |

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