

Table of wire cross-sections, wire weights, wire lengths for diameters from 0.10 mm to 20.00 mm

(Wire weights are on a specific gravity of 7.85 kg/dm³)

| Dia mm | Cross-Section mm ² | Weight kg/1000 m | Length m/100 kg |
|--------|-------------------------------|------------------|-----------------|
| 0,10 | 0,007854 | 0,0617 | 1 621 963 |
| 0,11 | 0,009503 | 0,0746 | 1 340 465 |
| 0,12 | 0,011310 | 0,0888 | 1 126 363 |
| 0,14 | 0,015394 | 0,1208 | 827 532 |
| 0,16 | 0,020106 | 0,1578 | 633 579 |
| 0,18 | 0,025447 | 0,1998 | 500 606 |
| 0,20 | 0,031416 | 0,2466 | 405 491 |
| 0,22 | 0,038013 | 0,2984 | 335 116 |
| 0,25 | 0,049087 | 0,3853 | 259 514 |
| 0,28 | 0,06158 | 0,4834 | 206 883 |
| 0,30 | 0,07069 | 0,5549 | 180 218 |
| 0,32 | 0,08042 | 0,6313 | 158 395 |
| 0,34 | 0,09079 | 0,7127 | 140 308 |
| 0,36 | 0,10179 | 0,7990 | 125 151 |
| 0,38 | 0,11341 | 0,8903 | 112 324 |
| 0,40 | 0,12566 | 0,9865 | 101 373 |
| 0,43 | 0,14522 | 1,1400 | 87 721 |
| 0,45 | 0,15904 | 1,2485 | 80 097 |

| Dia mm | Cross-Section mm ² | Weight kg/1000 m | Length m/100 kg |
|--------|-------------------------------|------------------|-----------------|
| 0,48 | 0,18096 | 1,421 | 70 398 |
| 0,50 | 0,19635 | 1,541 | 64 879 |
| 0,53 | 0,22062 | 1,732 | 57 742 |
| 0,56 | 0,24630 | 1,933 | 51 721 |
| 0,60 | 0,28274 | 2,220 | 45 055 |
| 0,63 | 0,31172 | 2,447 | 40 866 |
| 0,65 | 0,33183 | 2,605 | 38 390 |
| 0,70 | 0,38484 | 3,021 | 33 101 |
| 0,75 | 0,44179 | 3,468 | 28 835 |
| 0,80 | 0,50265 | 3,946 | 25 343 |
| 0,85 | 0,56745 | 4,454 | 22 449 |
| 0,90 | 0,63617 | 4,994 | 20 024 |
| 0,95 | 0,70882 | 5,564 | 17 972 |
| 1,00 | 0,78540 | 6,165 | 16 220 |
| 1,05 | 0,86590 | 6,797 | 14 712 |
| 1,10 | 0,95033 | 7,460 | 13 405 |
| 1,20 | 1,13097 | 8,878 | 11 264 |
| 1,25 | 1,22718 | 9,633 | 10 381 |

| Dia mm | Cross-Section mm ² | Weight kg/1000 m | Length m/100 kg |
|--------|-------------------------------|------------------|-----------------|
| 1,30 | 1,3273 | 10,419 | 9 597 |
| 1,40 | 1,5394 | 12,084 | 8 275 |
| 1,50 | 1,7671 | 13,872 | 7 209 |
| 1,60 | 2,0106 | 15,783 | 6 336 |
| 1,70 | 2,2698 | 17,818 | 5 612 |
| 1,80 | 2,5447 | 19,976 | 5 006 |
| 1,90 | 2,8353 | 22,257 | 4 493 |
| 2,00 | 3,1416 | 24,661 | 4 055 |
| 2,10 | 3,4636 | 27,189 | 3 678 |
| 2,25 | 3,9761 | 31,212 | 3 204 |
| 2,40 | 4,5239 | 35,513 | 2 816 |
| 2,50 | 4,9087 | 38,534 | 2 595 |
| 2,60 | 5,3093 | 41,678 | 2 399 |
| 2,80 | 6,1575 | 48,337 | 2 069 |
| 3,00 | 7,0686 | 55,488 | 1 802 |
| 3,20 | 8,0425 | 63,133 | 1 584 |
| 3,40 | 9,0792 | 71,272 | 1 403 |
| 3,60 | 10,1788 | 79,903 | 1 252 |
| 3,80 | 11,341 | 89,03 | 1 123 |
| 4,00 | 12,566 | 98,65 | 1 014 |
| 4,25 | 14,186 | 111,36 | 898 |
| 4,50 | 15,904 | 124,85 | 801 |
| 4,75 | 17,721 | 139,11 | 719 |
| 5,00 | 19,635 | 154,13 | 649 |

| Dia mm | Cross-Section mm ² | Weight kg/1000 m | Length m/100 kg |
|--------|-------------------------------|------------------|-----------------|
| 5,30 | 22,062 | 173,19 | 577 |
| 5,60 | 24,630 | 193,35 | 517 |
| 6,00 | 28,274 | 221,95 | 451 |
| 6,30 | 31,172 | 244,70 | 409 |
| 6,50 | 33,183 | 260,49 | 384 |
| 7,00 | 38,484 | 302,10 | 331 |
| 7,50 | 44,179 | 346,8 | 288 |
| 8,00 | 50,265 | 394,6 | 253 |
| 8,50 | 56,745 | 445,4 | 224 |
| 9,00 | 63,617 | 499,4 | 200 |
| 9,50 | 70,882 | 556,4 | 180 |
| 10,00 | 78,540 | 616,5 | 162 |
| 10,50 | 86,590 | 679,7 | 147 |
| 11,00 | 95,033 | 746,0 | 134 |
| 12,00 | 113,097 | 887,8 | 113 |
| 12,50 | 122,718 | 963,3 | 104 |
| 13,00 | 132,732 | 1041,9 | 96 |
| 14,00 | 153,938 | 1208,4 | 83 |
| 15,00 | 176,714 | 1387,2 | 72 |
| 16,00 | 201,062 | 1578,3 | 63 |
| 17,00 | 226,980 | 1781,8 | 56 |
| 18,00 | 254,47 | 1997,6 | 50 |
| 19,00 | 283,53 | 2225,7 | 45 |
| 20,00 | 314,16 | 2466,1 | 41 |