

| Structure | External diameter without wrapping | | External diameter with wrapping | | | | Cross-section | DC-Resistance at 20°C (68°F) | | | Metres per kg | |
|----------------|------------------------------------|-----------------------------|---------------------------------|----------|---------------------------|----------|---------------|------------------------------|------------|------------|---------------|------------|
| | | | 1 x 52 (1 x Natural silk) | | 2 x 52 (2 x Natural silk) | | | | | | | |
| No. of strands | diameter of single wire | min [mm] | max [mm] | min [mm] | max [mm] | min [mm] | max [mm] | [mm ²] | min [Ω/km] | nom [Ω/km] | max [Ω/km] | nom [m/kg] |
| 0.016 | | Other dimensions on request | | | | | | | | | | |
| AWG 54 | | Other dimensions on request | | | | | | | | | | |
| 0.020 | | Other dimensions on request | | | | | | | | | | |
| AWG 52 | | Other dimensions on request | | | | | | | | | | |
| 0.022 | | Other dimensions on request | | | | | | | | | | |
| AWG 51 | | Other dimensions on request | | | | | | | | | | |
| 0.025 | | Other dimensions on request | | | | | | | | | | |
| AWG 50 | | Other dimensions on request | | | | | | | | | | |
| 10 | | 0.127 | 0.142 | 0.157 | 0.177 | 0.187 | 0.212 | 0.00707 | 2176 | 2467 | 2713 | 11764 |
| 20 | | 0.179 | 0.200 | 0.209 | 0.235 | 0.239 | 0.270 | 0.01414 | 1088 | 1233 | 1357 | 6060 |
| 25 | | | | | | | | 0.01767 | | | | 4964 |
| 30 | | | | | | | | 0.02121 | | | | 3921 |
| 35 | | | | | | | | 0.02474 | | | | 3355 |
| 45 | | | | | | | | 0.03181 | | | | 2611 |
| 60 | 0.03 | | | | | | | 0.04241 | | | | 1960 |
| 75 | | | | | | | | 0.05301 | | | | 1567 |
| 90 | AWG 48 | | | | | | | 0.06362 | | | | 1307 |
| 105 | | | | | | | | 0.07422 | | | | 1119 |
| 120 | | | | | | | | 0.08482 | | | | 980 |
| 135 | | | | | | | | 0.09542 | | | | 871 |
| 180 | | | | | | | | 0.12723 | | | | 653 |
| 225 | | | | | | | | 0.15904 | | | | 522 |
| 270 | | | | | | | | 0.19085 | | | | 435 |

Other types of litz wire up to external diameter 11 mm on request

| | | | | | | | | | | | | |
|-----|--------|-------|-------|-------|-------|-------|-------|---------|------|------|------|------|
| 10 | | 0.164 | 0.186 | 0.194 | 0.221 | 0.224 | 0.256 | 0.01282 | 1228 | 1387 | 1522 | 7847 |
| 12 | | 0.183 | 0.208 | 0.213 | 0.243 | 0.243 | 0.278 | 0.01538 | 1023 | 1156 | 1268 | 6536 |
| 15 | | 0.201 | 0.229 | 0.236 | 0.269 | 0.261 | 0.299 | 0.01923 | 819 | 925 | 1015 | 5229 |
| 20 | | 0.232 | 0.264 | 0.267 | 0.304 | 0.292 | 0.334 | 0.02564 | 614 | 694 | 761 | 3922 |
| 25 | | 0.260 | 0.295 | 0.295 | 0.335 | 0.320 | 0.365 | 0.03204 | 491 | 555 | 609 | 3137 |
| 30 | | 0.284 | 0.323 | 0.319 | 0.363 | 0.344 | 0.393 | 0.03845 | 409 | 462 | 522 | 2615 |
| 35 | | 0.307 | 0.349 | 0.342 | 0.389 | 0.367 | 0.419 | 0.04486 | 351 | 396 | 448 | 2241 |
| 45 | 0.04 | 0.348 | 0.395 | 0.383 | 0.435 | 0.408 | 0.465 | 0.05768 | 273 | 308 | 348 | 1743 |
| 60 | | 0.405 | 0.460 | 0.440 | 0.500 | 0.465 | 0.530 | 0.07691 | 205 | 231 | 266 | 1231 |
| 75 | AWG 46 | 0.453 | 0.515 | 0.488 | 0.555 | 0.513 | 0.585 | 0.09613 | 164 | 185 | 213 | 985 |
| 90 | | 0.497 | 0.565 | 0.532 | 0.605 | 0.567 | 0.645 | 0.11536 | 136 | 154 | 178 | 821 |
| 105 | | 0.537 | 0.610 | 0.572 | 0.650 | 0.607 | 0.690 | 0.13459 | 117 | 132 | 152 | 704 |
| 120 | | 0.572 | 0.650 | 0.607 | 0.690 | 0.642 | 0.730 | 0.15381 | 102 | 116 | 133 | 615 |
| 135 | | 0.607 | 0.690 | 0.642 | 0.730 | 0.677 | 0.770 | 0.17304 | 91 | 103 | 118 | 547 |
| 180 | | 0.722 | 0.820 | 0.757 | 0.860 | 0.792 | 0.900 | 0.23072 | 68 | 77 | 90 | 385 |
| 225 | | 0.805 | 0.915 | 0.840 | 0.955 | 0.895 | 1.015 | 0.28840 | 55 | 62 | 72 | 308 |
| 270 | | 0.884 | 1.005 | 0.919 | 1.045 | 0.974 | 1.105 | 0.34608 | 45.5 | 51.4 | 60.3 | 257 |

Other types of litz wire up to external diameter 11 mm on request

| | | | | | | | | | | | | |
|-----|--------|-------|-------|-------|-------|-------|-------|---------|------|------|------|------|
| 6 | | 0.162 | 0.179 | 0.192 | 0.214 | 0.222 | 0.249 | 0.01202 | 1320 | 1480 | 1613 | 8505 |
| 8 | | 0.186 | 0.206 | 0.216 | 0.241 | 0.246 | 0.276 | 0.01602 | 990 | 1100 | 1210 | 6379 |
| 10 | | 0.209 | 0.231 | 0.244 | 0.271 | 0.269 | 0.301 | 0.02003 | 792 | 888 | 968 | 5103 |
| 12 | | 0.232 | 0.257 | 0.267 | 0.297 | 0.292 | 0.327 | 0.02403 | 660 | 740 | 807 | 4253 |
| 15 | | 0.256 | 0.283 | 0.291 | 0.323 | 0.316 | 0.353 | 0.03004 | 528 | 592 | 645 | 3402 |
| 20 | | 0.295 | 0.327 | 0.330 | 0.367 | 0.355 | 0.397 | 0.04006 | 396 | 444 | 484 | 2552 |
| 25 | | 0.330 | 0.366 | 0.365 | 0.406 | 0.390 | 0.436 | 0.05007 | 317 | 355 | 387 | 2041 |
| 30 | | 0.382 | 0.401 | 0.397 | 0.441 | 0.422 | 0.471 | 0.06008 | 264 | 296 | 332 | 1701 |
| 35 | 0.05 | 0.391 | 0.433 | 0.426 | 0.473 | 0.451 | 0.503 | 0.07010 | 226 | 254 | 285 | 1458 |
| 45 | | 0.443 | 0.490 | 0.478 | 0.530 | 0.503 | 0.560 | 0.09012 | 176 | 197 | 222 | 1134 |
| 60 | AWG 44 | 0.515 | 0.570 | 0.550 | 0.610 | 0.585 | 0.650 | 0.12017 | 132 | 148 | 169 | 801 |
| 75 | | 0.577 | 0.639 | 0.612 | 0.679 | 0.647 | 0.719 | 0.15021 | 106 | 118 | 136 | 641 |
| 90 | | 0.633 | 0.701 | 0.668 | 0.741 | 0.703 | 0.781 | 0.18025 | 88 | 99 | 113 | 534 |
| 105 | | 0.683 | 0.756 | 0.718 | 0.796 | 0.753 | 0.836 | 0.21029 | 75 | 85 | 97 | 458 |
| 120 | | 0.728 | 0.806 | 0.763 | 0.846 | 0.798 | 0.886 | 0.24033 | 66 | 74 | 85 | 400 |
| 135 | | 0.773 | 0.856 | 0.808 | 0.896 | 0.863 | 0.956 | 0.27037 | 59 | 66 | 75 | 356 |
| 180 | | 0.918 | 1.017 | 0.953 | 1.057 | 1.008 | 1.117 | 0.36050 | 44.0 | 49.3 | 57.6 | 250 |
| 225 | | 1.025 | 1.135 | 1.060 | 1.175 | 1.115 | 1.235 | 0.45062 | 35.2 | 39.5 | 46.0 | 200 |
| 270 | | 1.126 | 1.246 | 1.161 | 1.286 | 1.216 | 1.346 | 0.54075 | 29.3 | 32.9 | 38.4 | 167 |

Other types of litz wire up to external diameter 11 mm on request

| | | | | | | | | | | | | |
|------|--------|-------|-------|-------|-------|-------|-------|---------|------|------|------|------|
| 3 | | 0.163 | 0.189 | 0.193 | 0.224 | 0.223 | 0.259 | 0.01212 | 1331 | 1468 | 1578 | 8537 |
| 5 | | 0.205 | 0.238 | 0.240 | 0.278 | 0.265 | 0.308 | 0.02019 | 799 | 881 | 947 | 5122 |
| 6 | | 0.220 | 0.254 | 0.255 | 0.294 | 0.280 | 0.324 | 0.02423 | 666 | 734 | 789 | 4268 |
| 8 | | 0.253 | 0.293 | 0.288 | 0.333 | 0.313 | 0.363 | 0.03231 | 499 | 551 | 592 | 3201 |
| 10 | | 0.283 | 0.328 | 0.318 | 0.368 | 0.343 | 0.398 | 0.04038 | 399 | 440 | 473 | 2561 |
| 12 | | 0.315 | 0.365 | 0.350 | 0.405 | 0.375 | 0.435 | 0.04846 | 333 | 367 | 394 | 2134 |
| 15 | | 0.347 | 0.402 | 0.382 | 0.442 | 0.407 | 0.472 | 0.06058 | 266 | 294 | 316 | 1702 |
| 20 | | 0.401 | 0.464 | 0.436 | 0.504 | 0.461 | 0.534 | 0.08077 | 200 | 220 | 237 | 1280 |
| 25 | | 0.448 | 0.519 | 0.483 | 0.559 | 0.508 | 0.589 | 0.10096 | 160 | 176 | 189 | 1024 |
| 30 | | 0.491 | 0.568 | 0.526 | 0.608 | 0.561 | 0.648 | 0.12115 | 133 | 147 | 163 | 854 |
| 35 | | 0.530 | 0.614 | 0.565 | 0.654 | 0.600 | 0.694 | 0.14134 | 114 | 126 | 139 | 732 |
| 45 | | 0.601 | 0.696 | 0.636 | 0.736 | 0.671 | 0.776 | 0.18173 | 89 | 98 | 108 | 570 |
| 60 | | 0.699 | 0.810 | 0.734 | 0.850 | 0.769 | 0.890 | 0.24230 | 67 | 73 | 83 | 402 |
| 75 | | 0.783 | 0.906 | 0.813 | 0.946 | 0.873 | 1.006 | 0.30288 | 53 | 59 | 66 | 322 |
| 90 | | 0.859 | 0.994 | 0.894 | 1.034 | 0.949 | 1.094 | 0.36345 | 44.4 | 48.9 | 55.2 | 268 |
| 105 | | 0.927 | 1.074 | 0.962 | 1.114 | 1.017 | 1.174 | 0.42403 | 38.0 | 41.9 | 47.3 | 230 |
| 120 | 0.071 | 0.988 | 1.144 | 1.023 | 1.184 | 1.078 | 1.244 | 0.48461 | 33.3 | 36.7 | 41.4 | 201 |
| 135 | | 1.049 | 1.214 | 1.084 | 1.254 | 1.139 | 1.314 | 0.54518 | 29.6 | 32.6 | 36.8 | 179 |
| 180 | AWG 41 | 1.246 | 1.443 | 1.281 | 1.483 | 1.336 | 1.543 | 0.72691 | 22.2 | 24.5 | 28.2 | 126 |
| 225 | | 1.391 | 1.610 | 1.426 | 1.650 | 1.481 | 1.710 | 0.90864 | 17.8 | 19.6 | 22.5 | 107 |
| 270 | | 1.528 | 1.769 | 1.563 | 1.809 | 1.618 | 1.869 | 1.09036 | 14.8 | 16.3 | 18.8 | 94 |
| 315 | | 1.649 | 1.910 | 1.684 | 1.950 | 1.739 | 2.010 | 1.27209 | 12.7 | 14.0 | 16.1 | 72 |
| 405 | | 1.870 | 2.165 | 1.905 | 2.205 | 1.960 | 2.265 | 1.63555 | 9.9 | 10.9 | 12.5 | 56 |
| 420 | | | 2.13 | | | | | 1.67 | 9.5 | 10.5 | 11.3 | 54 |
| 525 | | | 2.39 | | | | | 2.08 | 7.6 | 8.4 | 9.0 | 43 |
| 630 | | | 2.61 | | | | | 2.50 | 6.3 | 7.0 | 7.5 | 36 |
| 735 | | | 2.82 | | | | | 2.92 | 5.4 | 6.0 | 6.4 | 31 |
| 840 | | | 3.03 | | | | | 3.33 | 4.8 | 5.2 | 5.6 | 27 |
| 945 | | | 3.20 | | | | | 3.75 | 4.3 | 4.7 | 5.0 | 24 |
| 1260 | | | 3.70 | | | | | 5.00 | 3.2 | 3.5 | 3.8 | 17 |
| 1575 | | | 4.15 | | | | | 6.21 | 2.5 | 2.8 | 3.0 | 13 |
| 1890 | | | 4.55 | | | | | 7.49 | 2.1 | 2.3 | 2.5 | 11 |
| 2205 | | | 4.86 | | | | | 8.74 | 1.8 | 2.0 | 2.1 | 10 |
| 2835 | | | 5.60 | | | | | 11.23 | 1.4 | 1.6 | 1.7 | 7.5 |

Other types of litz wire up to external diameter 11 mm on request

| | | | | | | | | | | | | |
|-----|--------|-------|-------|-------|-------|-------|-------|---------|------|------|------|------|
| 10 | | 0.407 | 0.451 | 0.442 | 0.491 | 0.467 | 0.521 | 0.08011 | 205 | 222 | 235 | 1300 |
| 12 | | 0.452 | 0.502 | 0.487 | 0.542 | 0.512 | 0.572 | 0.09613 | 170 | 185 | 196 | 1079 |
| 15 | | 0.498 | 0.553 | 0.533 | 0.593 | 0.568 | 0.633 | 0.12017 | 136 | 148 | 157 | 803 |
| 20 | | 0.574 | 0.638 | 0.609 | 0.678 | 0.644 | 0.718 | 0.16022 | 102 | 111 | 118 | 647 |
| 25 | | 0.642 | 0.714 | 0.678 | 0.754 | 0.713 | 0.794 | 0.20028 | 82 | 89 | 94 | 518 |
| 30 | | 0.704 | 0.782 | 0.739 | 0.822 | 0.774 | 0.862 | 0.24033 | 68 | 74 | 81 | 432 |
| 35 | | 0.761 | 0.845 | 0.796 | 0.885 | 0.851 | 0.945 | 0.28039 | 58 | 63 | 69 | 370 |
| 45 | | 0.862 | 0.957 | 0.897 | 0.997 | 0.952 | 1.057 | 0.36050 | 45.5 | 49.3 | 53.9 | 288 |
| 60 | | 1.003 | 1.113 | 1.038 | 1.153 | 1.093 | 1.213 | 0.48066 | 34.1 | 37.0 | 41.2 | 203 |
| 75 | | 1.123 | 1.246 | 1.158 | 1.286 | 1.213 | 1.346 | 0.60083 | 27.3 | 29.9 | 33.0 | 163 |
| 90 | | 1.232 | 1.367 | 1.267 | 1.407 | 1.322 | 1.467 | 0.72100 | 22.7 | 24.7 | 27.5 | 136 |
| 105 | | 1.330 | 1.476 | 1.365 | 1.516 | 1.420 | 1.576 | 0.84116 | 19.5 | 21.1 | 23.5 | 116 |
| 120 | | 1.417 | 1.573 | 1.452 | 1.613 | 1.507 | 1.673 | 0.96133 | 17.0 | 18.5 | 20.6 | 102 |
| 135 | 0.10 | 1.504 | 1.670 | 1.539 | 1.710 | 1.594 | 1.770 | 1.08150 | 15.2 | 16.4 | 18.3 | 90 |
| 140 | | | 1.65 | | | | | 1.10 | 14.6 | 15.9 | 16.8 | 87 |
| 175 | AWG 38 | | 1.83 | | | | | 1.38 | 11.7 | 12.7 | 13.4 | 70 |
| 210 | | | 2.01 | | | | | | | | | |