

## AWG-Amerikan tel ölçü sistemi / AWG-Wires and AWG-stranded conductors

| AWG No. | İletken Yapısı<br>Conductor Make-up<br>n x AWG | İletken Yapısı<br>Conductor Make-up<br>n x mm | İletken Kesiti<br>Cross-section<br>mm <sup>2</sup> | İletken Çapı<br>Cond. Dia.<br>mmØ | İletken Direnci<br>Cond. Resistance<br>Ohm/km | İletken Ağırlığı<br>Cond. Weight<br>kg/km |
|---------|--|---|--|-----------------------------------|---|---|
| 36      | mono/ solid                                    | mono/ solid                                   | 0,013  | 0,127                             | 1460,0  | 0,116                                     |
| 36      | 7/44   | 7x0,050                                       | 0,014  | 0,152                             | 1271,0  | 0,125                                     |
| 34      | mono/ solid                                    | mono/ solid                                   | 0,020  | 0,160                             | 918,0   | 0,178                                     |
| 34      | 7/42   | 7x0,064                                       | 0,022  | 0,192                             | 777,0   | 0,196                                     |
| 32      | mono/ solid                                    | mono/ solid                                   | 0,032  | 0,203                             | 571,0   | 0,284                                     |
| 32      | 7/40   | 7x0,078                                       | 0,034  | 0,203                             | 538,0   | 0,302                                     |
| 32      | 19/44  | 19x0,050                                      | 0,037  | 0,229                             | 448,0   | 0,329                                     |
| 30      | mono/ solid                                    | mono/ solid                                   | 0,051  | 0,254                             | 365,0   | 0,45                                      |
| 30      | 7/38   | 7x0,102                                       | 0,057  | 0,305                             | 339,0   | 0,507                                     |
| 30      | 19/42  | 19x0,064                                      | 0,061  | 0,305                             | 286,7   | 0,543                                     |
| 28      | mono/ solid                                    | mono/ solid                                   | 0,080  | 0,330                             | 232,0   | 0,71                                      |
| 28      | 7/36   | 7x0,127                                       | 0,087  | 0,381                             | 213,0   | 0,774                                     |
| 28      | 19/40  | 19x0,078                                      | 0,091  | 0,406                             | 186,0   | 0,81                                      |
| 27      | 7/35   | 7x0,142                                       | 0,111  | 0,457                             | 179,0   | 0,988                                     |
| 26      | mono/ solid                                    | mono/ solid                                   | 0,128  | 0,409                             | 143,0   | 1,14                                      |
| 26      | 10/36  | 10x0,127                                      | 0,127  | 0,533                             | 137,0   | 1,13                                      |
| 26      | 19/38  | 19x0,102                                      | 0,155  | 0,508                             | 113,0   | 1,38                                      |
| 26      | 7/34   | 7x0,160                                       | 0,141  | 0,483                             | 122,0   | 1,25                                      |
| 24      | mono/ solid                                    | mono/ solid                                   | 0,205  | 0,511                             | 89,4  | 1,82                                      |
| 24      | 7/32   | 7x0,203                                       | 0,227  | 0,610                             | 76,4  | 2,02                                      |
| 24      | 10/34  | 10x0,160                                      | 0,201  | 0,582                             | 85,6  | 1,79                                      |
| 24      | 19/36  | 19x0,127                                      | 0,241  | 0,610                             | 69,2  | 2,14                                      |
| 24      | 41/40  | 41x0,078                                      | 0,196  | 0,582                             | 84,0  | 1,74                                      |
| 22      | mono/ solid                                    | mono/ solid                                   | 0,324  | 0,643                             | 55,3  | 2,88                                      |
| 22      | 7/30   | 7x0,254                                       | 0,355  | 0,762                             | 48,4  | 3,14                                      |
| 22      | 19/34  | 19x0,160                                      | 0,382  | 0,787                             | 45,1  | 3,4                                       |
| 22      | 26/36  | 26x0,127                                      | 0,330  | 0,762                             | 52,3  | 2,94                                      |
| 20      | mono/ solid                                    | mono/ solid                                   | 0,519  | 0,813                             | 34,6  | 4,61                                      |
| 20      | 7/28   | 7x0,320                                       | 0,562  | 0,965                             | 33,8  | 5,0                                       |
| 20      | 10/30  | 10x0,254                                      | 0,507  | 0,889                             | 33,9  | 4,51                                      |
| 20      | 19/32  | 19x0,203                                      | 0,615  | 0,940                             | 28,3  | 5,47                                      |
| 20      | 26/34  | 26x0,160                                      | 0,523  | 0,914                             | 33,0  | 4,65                                      |
| 20      | 41/36  | 41x0,127                                      | 0,520  | 0,914                             | 32,9  | 4,63                                      |
| 18      | mono/ solid                                    | mono/ solid                                   | 0,823  | 1,020                             | 21,8  | 7,32                                      |
| 18      | 7/26   | 7x0,404                                       | 0,897  | 1,219                             | 19,2  | 7,98                                      |
| 18      | 16/30  | 16x0,254                                      | 0,811  | 1,194                             | 21,3  | 7,22                                      |
| 18      | 19/30  | 19x0,254                                      | 0,963  | 1,245                             | 17,9  | 8,57                                      |
| 18      | 41/34  | 41x0,160                                      | 0,824  | 1,194                             | 20,9  | 7,33                                      |
| 18      | 65/36  | 65x0,127                                      | 0,823  | 1,194                             | 21,0  | 7,32                                      |
| 16      | mono/ solid                                    | mono/ solid                                   | 1,310  | 1,290                             | 13,7  | 11,66                                     |
| 16      | 7/24   | 7x0,511                                       | 1,440  | 1,524                             | 12,0  | 12,81                                     |
| 16      | 65/34  | 65x0,160                                      | 1,310  | 1,499                             | 13,2  | 11,65                                     |
| 16      | 26/30  | 26x0,254                                      | 1,317  | 1,499                             | 13,1  | 11,72                                     |
| 16      | 19/29  | 19x0,287                                      | 1,229  | 1,473                             | 14,0  | 10,94                                     |
| 16      | 105/36   | 105x0,127                                     | 1,330  | 1,499                             | 13,1  | 11,84                                     |
| 14      | mono/ solid                                    | mono/ solid                                   | 2,080  | 1,630                             | 8,6   | 18,51                                     |
| 14      | 7/22   | 7x0,643                                       | 2,238  | 1,854                             | 7,6   | 19,92                                     |
| 14      | 19/27  | 19x0,361                                      | 1,945  | 1,854                             | 8,9   | 17,31                                     |
| 14      | 41/30  | 41x0,254                                      | 2,078  | 1,854                             | 8,3   | 18,46                                     |
| 14      | 105/34   | 105x0,160                                     | 2,111  | 1,854                             | 8,2   | 18,79                                     |

Devamı  
Continuation 

## AWG-Amerikan tel ölçü sistemi / AWG-Wires and AWG-stranded conductors

| AWG No. | İletken Yapısı<br>Conductor Make-up<br>n x AWG | İletken Yapısı<br>Conductor Make-up<br>n x mm | İletken Kesiti<br>Cross-section<br>mm <sup>2</sup> | İletken Çapı<br>Cond. Dia.<br>mmØ | İletken Direnci<br>Cond. Resistance<br>Ohm/km | İletken Ağırlığı<br>Cond. Weight<br>kg/km |
|---------|--|---|--|-----------------------------------|---|---|
| 12      | mono/solid                                     | mono/solid                                    | 3,31   | 2,05                              | 5,4   | 29,46                                     |
| 12      | 7/20   | 7x0,813                                       | 3,63   | 2,438                             | 4,8   | 32,30                                     |
| 12      | 19/25  | 19x0,455                                      | 3,09   | 2,369                             | 5,6   | 27,50                                     |
| 12      | 65/30  | 65x0,254                                      | 3,292  | 2,413                             | 5,7   | 29,29                                     |
| 12      | 165/34   | 165x0,160                                     | 3,316  | 2,413                             | 5,2   | 29,51                                     |
| 10      | mono/solid                                     | mono/solid                                    | 5,26   | 2,59                              | 3,4   | 46,81                                     |
| 10      | 37/26  | 37x0,404                                      | 4,74   | 2,921                             | 3,6   | 42,18                                     |
| 10      | 49/27  | 49x0,363                                      | 5,068  | 2,946                             | 3,6   | 45,10                                     |
| 10      | 105/30   | 105x0,254                                     | 5,317  | 2,946                             | 3,2   | 47,32                                     |
| 8       | 49/25  | 49x0,455                                      | 7,963  | 3,734                             | 2,2   | 70,87                                     |
| 8       | 133/29   | 133x0,287                                     | 8,604  | 3,734                             | 2,0   | 76,57                                     |
| 8       | 655/36   | 655x0,127                                     | 8,297  | 3,734                             | 2,0   | 73,84                                     |
| 6       | 133/27   | 133x0,363                                     | 13,764   | 4,676                             | 1,5   | 122,49                                    |
| 6       | 259/30   | 259x0,254                                     | 13,123   | 4,674                             | 1,3   | 116,79                                    |
| 6       | 1050/36  | 1050x0,127                                    | 13,316   | 4,674                             | 1,3   | 118,51                                    |
| 4       | 133/25   | 133x0,455                                     | 21,625   | 5,898                             | 0,80  | 192,46                                    |
| 4       | 259/27   | 259x0,363                                     | 26,804   | 5,898                             | 0,66  | 238,55                                    |
| 4       | 1666/36  | 1666x0,127                                    | 21,104   | 5,898                             | 0,82  | 187,82                                    |
| 2       | 133/23   | 133x0,574                                     | 34,416   | 7,417                             | 0,50  | 306,30                                    |
| 2       | 259/26   | 259x0,404                                     | 33,201   | 7,417                             | 0,52  | 295,49                                    |
| 2       | 665/30   | 665x0,254                                     | 33,696   | 7,417                             | 0,52  | 299,89                                    |
| 2       | 2646/36  | 2646x0,127                                    | 33,518   | 7,417                             | 0,52  | 298,31                                    |
| 1       | 133/22   | 133x0,643                                     | 43,187   | 8,331                             | 0,40  | 384,37                                    |
| 1       | 259/25   | 259x0,455                                     | 42,112   | 8,331                             | 0,41  | 374,80                                    |
| 1       | 817/30   | 817x0,254                                     | 41,397   | 8,331                             | 0,42  | 368,43                                    |
| 1       | 2109/34  | 2109x0,160                                    | 42,403   | 8,331                             | 0,41  | 377,39                                    |
| 1/0     | 1338/21  | 133x0,724                                     | 54,75  | 9,347                             | 0,31  | 487,28                                    |
| 1/0     | 259/24   | 259x0,511                                     | 53,116   | 9,347                             | 0,32  | 472,73                                    |
| 2/0     | 133/20   | 133x0,813                                     | 69,043   | 10,516                            | 0,25  | 614,48                                    |
| 2/0     | 259/23   | 259x0,574                                     | 67,021   | 10,516                            | 0,25  | 596,49                                    |
| 3/0     | 259/22   | 259x0,643                                     | 84,102   | 11,786                            | 0,20  | 748,51                                    |
| 3/0     | 427/24   | 427x0,511                                     | 87,570   | 11,786                            | 0,19  | 779,37                                    |
| 4/0     | 259/21   | 259x0,724                                     | 106,626  | 13,259                            | 0,16  | 948,97                                    |
| 4/0     | 427/23   | 427x0,574                                     | 110,494  | 13,259                            | 0,15  | 983,39                                    |

## AWG-Amerikan tel ölçü sistemi (mono tel) / AWG-Wires (solid conductors)

| AWG No. | İletken Çapı<br>Cond. Dia.<br>mmØ |
|---------|-----------------------------------|
| 44      | 0,050                             |
| 41      | 0,070                             |
| 40      | 0,079                             |
| 39      | 0,089                             |
| 38      | 0,102                             |
| 37      | 0,114                             |
| 36      | 0,127                             |
| 35      | 0,142                             |
| 34      | 0,160                             |
| 33      | 0,180                             |
| 32      | 0,203                             |
| 31      | 0,226                             |

| AWG No. | İletken Çapı<br>Cond. Dia.<br>mmØ |
|---------|-----------------------------------|
| 30      | 0,254                             |
| 29      | 0,287                             |
| 28      | 0,320                             |
| 27      | 0,363                             |
| 26      | 0,404                             |
| 25      | 0,455                             |
| 24      | 0,511                             |
| 23      | 0,574                             |
| 22      | 0,643                             |
| 21      | 0,724                             |
| 20      | 0,813                             |
| 19      | 0,912                             |

| AWG No. | İletken Çapı<br>Cond. Dia.<br>mmØ |
|---------|-----------------------------------|
| 18      | 1,024                             |
| 17      | 1,151                             |
| 16      | 1,290                             |
| 15      | 1,450                             |
| 14      | 1,628                             |
| 13      | 1,829                             |
| 12      | 2,052                             |
| 11      | 2,304                             |
| 10      | 2,588                             |
| 9       | 2,906                             |
| 8       | 3,268                             |
| 7       | 3,665                             |

| AWG No. | İletken Çapı<br>Cond. Dia.<br>mmØ |
|---------|-----------------------------------|
| 6       | 4,115                             |
| 5       | 4,620                             |
| 4       | 5,189                             |
| 3       | 5,827                             |
| 2       | 6,543                             |
| 1       | 7,348                             |
| 1/0     | 8,252                             |
| 2/0     | 9,266                             |
| 3/0     | 10,404                            |
| 4/0     | 11,984                            |