|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 6201 ALUMINIUM ALLOY CONDUCTOR  AAAC ASTM B399 | | | | | | | | | |
| Code  Name | Area | | Size & Stranding of ACSR With Equal Diameter | | No,and Diameter of Wires | Overall Diameter | Weight | Nominal  Breaking  Load | Standard Length |
| Nominal | Actual |
|  | MCM | mm² | AWG αr MCM | Al/Steel | mm | mm | kg/km | kN | m±5% |
| Akron | 30.58 | 15.48 | 6 | 6/1 | 7/1.68 | 5.04 | 42.7 | 4.92 | 3000 |
| Alton | 48.69 | 24.71 | 4 | 6/1 | 7/2.12 | 6.35 | 68.0 | 7.84 | 3000 |
| Ames | 77.47 | 39.22 | 2 | 6/1 | 7/2.67 | 8.02 | 108 | 12.45 | 2000 |
| Azusa | 123.3 | 62.38 | 1/0 | 6/1 | 7/3.37 | 10.11 | 172 | 18.97 | 2000 |
| Anaheim | 155.4 | 78.65 | 2/0 | 6/1 | 7/3.78 | 11.35 | 217 | 23.93 | 3000 |
| Amherst | 195.7 | 99.22 | 3/0 | 6/1 | 7/4.25 | 12.75 | 273 | 30.18 | 2500 |
| Alliance | 246.9 | 125.1 | 4/0 | 6/1 | 7/4.77 | 14.31 | 345 | 38.05 | 2000 |
| Butte | 312.8 | 158.6 | 266.8 | 26/7 | 19/3.26 | 16.30 | 437 | 48.76 | 3000 |
| Canton | 394.5 | 199.9 | 336.4 | 26/7 | 19/3.66 | 18.30 | 551 | 58.91 | 2500 |
| Cairo | 465.4 | 235.8 | 397.5 | 26/7 | 19/3.98 | 19.88 | 650 | 69.48 | 2000 |
| Darien | 559.5 | 283.5 | 477 | 26/7 | 19/4.36 | 21.79 | 781 | 83.52 | 2000 |
| Elgin | 652.4 | 330.6 | 556.5 | 26/7 | 19/4.71 | 23.54 | 911 | 97.42 | 1500 |
| Flint | 740.8 | 375.3 | 636 | 26/7 | 37/3.59 | 25.16 | 1035 | 108.21 | 3000 |
| Greely | 927.2 | 469.8 | 795 | 26/7 | 37/4.02 | 28.14 | 1295 | 135.47 | 2500 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| ALLALUMINIUM ALLOY CONDUCTOR  AAAC ASTMB399 | | | | | | | |
| Area | | Stranding and Wire Diameter | Approx Overall Diameter | Weight | Nominal  Breaking  Load | Max.D.C  Resistance  at 20℃ | Standard  Length |
| Nominal | Actual |
| AWG or MCM | mm² | mm | mm | kg/km | kN | Q/km | m±5% |
| 6 | 13.30 | 7/1.554 | 4.67 | 37 | 4.22 | 2.5199 | 3500 |
| 4 | 21.15 | 7/1.961 | 5.89 | 58 | 6.71 | 1.5824 | 3000 |
| 2 | 33.63 | 7/2.474 | 7.42 | 93 | 10.68 | 0.9942 | 2500 |
| 1/0 | 53.48 | 7/3.119 | 9.36 | 148 | 16.97 | 0.6256 | 2000 |
| 2/0 | 67.42 | 7/3.503 | 10.51 | 186 | 20.52 | 0.4959 | 3500 |
| 3/0 | 85.03 | 7/3.932 | 11.80 | 234 | 25.86 | 0.3936 | 3000 |
| 4/0 | 107.23 | 7/4.417 | 13.26 | 296 | 32.63 | 0.3119 | 2000 |
| 250 | 126.66 | 19/2.913 | 14.57 | 349 | 38.93 | 0.2642 | 2000 |
| 300 | 152.10 | 19/3.193 | 15.97 | 419 | 46.77 | 0.2199 | 3000 |
| 350 | 177.35 | 19/3.447 | 17.24 | 489 | 52.25 | 0.1887 | 3000 |
| 400 | 202.71 | 19/3.686 | 18.43 | 559 | 59.74 | 0.1650 | 2500 |
| 450 | 228.00 | 19/3.909 | 19.55 | 629 | 67.19 | 0.1467 | 2000 |
| 500 | 253.35 | 19/4.120 | 20.60 | 698 | 74.64 | 0.1321 | 2000 |
| 550 | 278.60 | 37/3.096 | 21.67 | 768 | 83.80 | 0.1202 | 2000 |
| 600 | 303.80 | 37/3.233 | 22.63 | 838 | 91.38 | 0.1102 | 2000 |
| 650 | 329.25 | 37/3.366 | 23.56 | 908 | 97.94 | 0.1016 | 2000 |
| 700 | 354.55 | 37/3.493 | 24.45 | 978 | 102.20 | 0.0944 | 3500 |
| 750 | 380.20 | 37/3.617 | 25.32 | 1049 | 109.60 | 0.0880 | 3000 |
| 800 | 405.15 | 37/3.734 | 26.14 | 1117 | 116.80 | 0.0826 | 3000 |
| 900 | 456.16 | 37/3.962 | 27.73 | 1258 | 131.50 | 0.0733 | 3000 |
| 1000 | 506.71 | 37/4.176 | 29.23 | 1399 | 146.10 | 0.0660 | 2500 |