

**ACCC® CONDUCTOR: US CUSTOMARY SIZES (metric units)**

| ACCC® Conductor  | Available as ULS™ | Size   | Diameter | ACCC Core Diameter | Approximate Weight (1) |          |         | Cond. Rated Strength |                   | Resistance |           |            | Ampacity (2) |        |        | Geometric Mean Radius | Inductive Reactance @ 60 Hz. | Capacitive Reactance @ 60Hz. | Commonly Replaces |
|------------------|-------------------|--------|----------|--------------------|------------------------|----------|---------|----------------------|-------------------|------------|-----------|------------|--------------|--------|--------|-----------------------|------------------------------|------------------------------|-------------------|
|                  |                   |        |          |                    | Total                  | Aluminum | Core    | w/ ACCC® Core        | w/ACCC® ULS™ Core | DC @ 20°C  | AC @ 25°C | AC @ 200°C | 75°C         | 180°C  | 200°C  |                       |                              |                              |                   |
| Size Designation |                   | (mm²)  | (mm)     | (mm)               | (kg/km)                | (kg/km)  | (kg/km) | (kN)                 | (kN)              | (ohm/km)   | (ohm/km)  | (ohm/km)   | (amps)       | (amps) | (amps) | (mm)                  | ohms/km                      | Mohm-km                      | Size              |
| OCEANSIDE        | --                | 194.2  | 17.27    | 5.97               | 588.0                  | 535.6    | 52.4    | 71.1                 | --                | 0.1441     | 0.1475    | 0.2491     | 558          | 938    | 987    | 7.04                  | 0.284                        | 0.170                        | ACSR Ostrich      |
| LINNET           | --                | 218.1  | 18.29    | 5.97               | 653.7                  | 601.3    | 52.4    | 72.4                 | --                | 0.1277     | 0.1307    | 0.2207     | 602          | 1,014  | 1,067  | 7.44                  | 0.280                        | 0.167                        | ACSR Linnet       |
| ORIOLE           | --                | 222.3  | 18.82    | 7.11               | 687.2                  | 613.0    | 74.2    | 98.2                 | --                | 0.1255     | 0.1283    | 0.2166     | 612          | 1,033  | 1,087  | 7.74                  | 0.277                        | 0.166                        | ACSR Oriole       |
| WACO             | --                | 230.1  | 19.56    | 7.75               | 723.0                  | 634.7    | 88.3    | 114.6                | --                | 0.1212     | 0.1240    | 0.2108     | 628          | 1,060  | 1,115  | 8.08                  | 0.274                        | 0.164                        | ACSR Lynx         |
| LAREDO           | --                | 268.4  | 20.50    | 7.11               | 814.3                  | 740.1    | 74.2    | 100.4                | --                | 0.1038     | 0.1064    | 0.1805     | 687          | 1,162  | 1,223  | 8.35                  | 0.271                        | 0.162                        | ACSR Panther      |
| IRVING           | ✓                 | 308.8  | 22.40    | 8.76               | 964.8                  | 851.8    | 113.0   | 147.5                | 173.4             | 0.0903     | 0.0926    | 0.1572     | 753          | 1,280  | 1,348  | 9.24                  | 0.264                        | 0.158                        | ACSR Hen          |
| HAWK             | --                | 309.7  | 21.79    | 7.11               | 928.0                  | 853.8    | 74.2    | 103.0                | --                | 0.0900     | 0.0923    | 0.1521     | 753          | 1,289  | 1,358  | 8.84                  | 0.267                        | 0.159                        | ACSR Hawk         |
| DOVE             | --                | 361.5  | 23.55    | 7.75               | 1084.8                 | 996.5    | 88.3    | 121.7                | --                | 0.0771     | 0.0792    | 0.1335     | 826          | 1,410  | 1,486  | 9.57                  | 0.261                        | 0.155                        | ACSR Dove         |
| AMARILLO         | ✓                 | 397.6  | 25.15    | 9.53               | 1229.7                 | 1096.7   | 133.0   | 176.0                | 205.5             | 0.0703     | 0.0726    | 0.1220     | 879          | 1,506  | 1,587  | 10.33                 | 0.255                        | 0.152                        | ACSR Drake        |
| GROSBEAK         | --                | 416.2  | 25.15    | 8.13               | 1244.1                 | 1147.0   | 97.1    | 135.1                | --                | 0.0672     | 0.0692    | 0.1171     | 898          | 1,537  | 1,620  | 10.21                 | 0.256                        | 0.152                        | ACSR Grosbeak     |
| LUBBOCK          | ✓                 | 458.0  | 26.42    | 8.76               | 1374.7                 | 1261.7   | 113.0   | 155.6                | 181.5             | 0.0608     | 0.0628    | 0.1061     | 956          | 1,640  | 1,729  | 10.73                 | 0.252                        | 0.150                        |                   |
| GALVESTON        | ✓                 | 512.4  | 27.69    | 8.76               | 1525.0                 | 1412.0   | 113.0   | 158.7                | 184.6             | 0.0544     | 0.0564    | 0.0949     | 1,022        | 1,760  | 1,856  | 11.22                 | 0.249                        | 0.148                        | ACSR Condor       |
| DRAKE            | ✓                 | 519.7  | 28.14    | 9.53               | 1565.6                 | 1432.6   | 133.0   | 182.7                | 212.2             | 0.0536     | 0.0554    | 0.0931     | 1,036        | 1,786  | 1,884  | 11.46                 | 0.247                        | 0.147                        | ACSR Drake        |
| CURLEW           | ✓                 | 523.4  | 28.96    | 10.54              | 1618.3                 | 1455.3   | 163.0   | 217.7                | 254.5             | 0.0535     | 0.0558    | 0.0931     | 1,042        | 1,801  | 1,901  | 11.86                 | 0.245                        | 0.145                        | ACSR Curlew       |
| PLANO            | ✓                 | 536.8  | 28.63    | 8.76               | 1596.4                 | 1483.4   | 113.0   | 160.0                | 185.9             | 0.0522     | 0.0544    | 0.0912     | 1,050        | 1,813  | 1,913  | 11.55                 | 0.247                        | 0.146                        | ACSR Zebra        |
| CORPUS CHRISTI   | ✓                 | 558.9  | 29.11    | 8.76               | 1656.0                 | 1543.0   | 113.0   | 161.3                | 187.2             | 0.0501     | 0.0524    | 0.0877     | 1,076        | 1,859  | 1,962  | 11.73                 | 0.246                        | 0.145                        | AAAC 500          |
| ARLINGTON        | ✓                 | 583.2  | 29.90    | 9.53               | 1745.9                 | 1612.9   | 133.0   | 186.3                | 215.8             | 0.0480     | 0.0502    | 0.0840     | 1,106        | 1,915  | 2,022  | 12.10                 | 0.243                        | 0.144                        | ACSR Deer         |
| CARDINAL         | ✓                 | 619.1  | 30.43    | 8.76               | 1822.6                 | 1709.6   | 113.0   | 164.9                | 190.8             | 0.0452     | 0.0473    | 0.0787     | 1,146        | 1,990  | 2,101  | 12.25                 | 0.242                        | 0.143                        | ACSR Cardinal     |
| FORT WORTH       | ✓                 | 658.9  | 31.50    | 9.53               | 1952.7                 | 1819.7   | 133.0   | 190.7                | 220.2             | 0.0425     | 0.0448    | 0.0746     | 1,189        | 2,067  | 2,183  | 12.71                 | 0.240                        | 0.141                        | AAAC Rubus        |
| EL PASO          | ✓                 | 684.0  | 31.80    | 8.76               | 2001.2                 | 1888.2   | 113.0   | 168.5                | 194.4             | 0.0409     | 0.0434    | 0.0719     | 1,212        | 2,111  | 2,230  | 12.77                 | 0.239                        | 0.141                        | ACSR Moose        |
| BEAUMONT         | ✓                 | 723.9  | 32.87    | 9.53               | 2137.2                 | 2004.2   | 133.0   | 194.3                | 223.8             | 0.0387     | 0.0411    | 0.0680     | 1,257        | 2,194  | 2,318  | 13.23                 | 0.237                        | 0.139                        | ACSR Finch        |
| SAN ANTONIO      | ✓                 | 747.3  | 33.40    | 9.78               | 2208.2                 | 2068.2   | 140.0   | 203.9                | 235.3             | 0.0375     | 0.0387    | 0.0636     | 1,302        | 2,279  | 2,408  | 13.44                 | 0.235                        | 0.139                        | AAAC Sorbus       |
| BITTERN          | ✓                 | 801.4  | 34.16    | 8.76               | 2330.0                 | 2217.0   | 113.0   | 175.1                | 201.0             | 0.0352     | 0.0375    | 0.0616     | 1,331        | 2,332  | 2,465  | 13.66                 | 0.234                        | 0.138                        | ACSR Bittern      |
| DALLAS           | ✓                 | 909.5  | 36.88    | 9.78               | 2668.0                 | 2528.0   | 140.0   | 213.3                | 244.7             | 0.0309     | 0.0339    | 0.0545     | 1,434        | 2,540  | 2,688  | 14.78                 | 0.228                        | 0.134                        |                   |
| HOUSTON          | ✓                 | 976.6  | 38.25    | 10.54              | 2876.9                 | 2713.9   | 163.0   | 243.0                | 279.8             | 0.0285     | 0.0317    | 0.0503     | 1,502        | 2,675  | 2,833  | 15.36                 | 0.225                        | 0.132                        | ACSR Lapwing      |
| LAPWING          | ✓                 | 987.5  | 38.20    | 9.78               | 2883.7                 | 2743.7   | 140.0   | 217.3                | 248.7             | 0.0285     | 0.0315    | 0.0506     | 1,502        | 2,665  | 2,821  | 15.27                 | 0.226                        | 0.132                        | ACSR Lapwing      |
| FALCON           | ✓                 | 1036.2 | 39.24    | 10.54              | 3042.1                 | 2879.1   | 163.0   | 246.6                | 283.4             | 0.0271     | 0.0298    | 0.0480     | 1,555        | 2,761  | 2,923  | 15.73                 | 0.223                        | 0.131                        | ACSR Falcon       |
| BLUEBIRD         | ✓                 | 1388.7 | 44.75    | 10.54              | 4021.1                 | 3858.1   | 163.0   | 266.1                | 302.9             | 0.0203     | 0.0240    | 0.0371     | 1,808        | 3,274  | 3,474  | 17.83                 | 0.214                        | 0.125                        | ACSR Bluebird     |

(1) ACCC® ULS™ Core has a slightly lower weight than ACCC® Core, and thus the total weight of the ULS Conductor will be a less. See individual data sheets for nominal weight.  
(2) Ampacity values based on IEEE 738-2006: 60 Hz, zero elevation, 90° sun altitude, 25° C ambient temperature, 0.5 Solar Absorptivity, 0.5 Emissivity, 2 ft/sec (0.61 m/sec) wind and 96 Watt/ft² (1033 W/m²), at corresponding surface temperatures.