



1 Conductor ACWU90 600V CSA FT4

| 1C | Part No. | Power Conductor | Bonding Conductor | Insulation Thickness | | Armour O.D. | | Cable O.D. | | Cable Weight | | Max Pulling Tension | | Min Bend Radius | | Ampacity |
|----|----------|-----------------|-------------------|----------------------|------|-------------|-------|------------|-------|--------------|-------|---------------------|------|-----------------|-----|----------|
| | | AWG/kcmil | AWG | in | mm | in | mm | in | mm | lbs/Mft | kg/km | lbs | kg | in | mm | A |
| | 91901/0 | 1/0 | 4 | 0.055 | 1.40 | 0.885 | 22.48 | 0.960 | 24.38 | 480 | 715 | 694 | 315 | 13.4 | 341 | 135 |
| | 91902/0 | 2/0 | 2 | 0.055 | 1.40 | 0.895 | 22.73 | 0.979 | 24.87 | 512 | 762 | 899 | 408 | 13.7 | 348 | 150 |
| | 91903/0 | 3/0 | 2 | 0.055 | 1.40 | 0.985 | 25.02 | 1.085 | 27.56 | 517 | 770 | 1125 | 510 | 15.2 | 386 | 175 |
| | 91904/0 | 4/0 | 2 | 0.055 | 1.40 | 0.995 | 25.27 | 1.095 | 27.81 | 524 | 780 | 1400 | 635 | 15.3 | 389 | 205 |
| | 919250 | 250 | 1 | 0.065 | 1.65 | 1.075 | 27.31 | 1.159 | 29.44 | 628 | 935 | 1717 | 779 | 16.2 | 412 | 230 |
| | 919300 | 300 | 1 | 0.065 | 1.65 | 1.125 | 28.58 | 1.209 | 30.71 | 695 | 1035 | 1936 | 878 | 16.9 | 430 | 260 |
| | 919350 | 350 | 1/0 | 0.065 | 1.65 | 1.200 | 30.48 | 1.285 | 32.64 | 756 | 1125 | 2465 | 1118 | 18.0 | 457 | 280 |
| | 919400 | 400 | 1/0 | 0.065 | 1.65 | 1.290 | 32.77 | 1.375 | 34.93 | 833 | 1240 | 2653 | 1204 | 19.3 | 489 | 305 |
| | 919500 | 500 | 2/0 | 0.065 | 1.65 | 1.305 | 33.15 | 1.385 | 35.18 | 957 | 1425 | 3268 | 1482 | 19.4 | 493 | 350 |
| | 919600 | 600 | 2/0 | 0.080 | 2.03 | 1.415 | 35.94 | 1.520 | 38.61 | 1102 | 1640 | 4034 | 1830 | 21.3 | 541 | 385 |
| | 919750 | 750 | 3/0 | 0.080 | 2.03 | 1.555 | 39.50 | 1.655 | 42.04 | 1351 | 2010 | 5189 | 2354 | 23.2 | 589 | 435 |
| | 9191000 | 1000 | 3/0 | 0.080 | 2.03 | 1.670 | 42.42 | 1.790 | 45.47 | 1609 | 2395 | 6869 | 3116 | 25.1 | 637 | 500 |

Ampacity values based on CE Code Part I 2024, Table 4. Correction factors may apply. Dimensions and weights are nominal and subject to change without notice.

Specifications and Compliances

- CSA C22.2 No. 51, Armoured Cables (Type ACWU90)
- CSA C22.2 No. 38, Thermoset-insulated wires and cables (Type RW90)
- CSA C22.2 No. 174, Cables and cable glands for use in hazardous locations (HL)
- CSA C22.2 No. 2556 FT4, UL 1685 Vertical-Tray Flame Test
- IEEE 383 & 1202, ICEA T-30-520 (70,000 BTU/hr) Vertical Flame Test rated
- -40°C Cold Bend and -40°C Cold Impact

Conductor Stranded AA-8000 Series Aluminum Alloy (ACM)

Insulation Cross-linked Polyethylene (XLPE)
CSA Type XL 90°C dry/wet 600V

Bonding Helically applied solid bare AA-8000 Series Aluminum Alloy (ACM) strands

Armour Aluminum Interlock Armour (AIA)

Jacket Low Acid Gas Polyvinyl Chloride (PVC)

Applications

- For use in raceways, ventilated, non-ventilated and ladder-type cable trays.
- For dry, damp or wet locations, in ceiling air-handling plenums, direct burial, exposed and concealed wiring.
- Approved for all Hazardous Locations (HL) as per CE Code Part 2024 Section 18, when installed with approved connectors.

