



4 Conductor RW90 600V CSA

| 4C | Part No. | Conductor Size | Cable O.D. | | Cable Weight | | Max Pulling Tension | | Resistance at 25°C | Ampacity |
|----|-----------|----------------|------------|-------|--------------|-------|---------------------|------|--------------------|----------|
| | | AWG/kcmil | in | mm | lbs/Mft | kg/km | lbs | kg | Ω/Mft | A |
| | 8050604 | 6 | 0.627 | 15.92 | 372 | 553 | 671 | 304 | 0.396 | 60 |
| | 8050404 | 4 | 0.735 | 18.67 | 593 | 883 | 1068 | 484 | 0.249 | 76 |
| | 8050304 | 3 | 0.807 | 20.51 | 738 | 1099 | 1347 | 611 | 0.197 | 92 |
| | 8050204 | 2 | 0.892 | 22.65 | 929 | 1383 | 1700 | 771 | 0.156 | 104 |
| | 8050104 | 1 | 0.988 | 25.10 | 1183 | 1760 | 2145 | 973 | 0.124 | 116 |
| | 80501/004 | 1/0 | 1.087 | 27.61 | 1449 | 2156 | 2700 | 1225 | 0.098 | 136 |
| | 80502/004 | 2/0 | 1.193 | 30.30 | 1791 | 2665 | 3408 | 1546 | 0.078 | 156 |
| | 80503/004 | 3/0 | 1.282 | 32.57 | 2257 | 3359 | 4298 | 1950 | 0.062 | 180 |
| | 80504/004 | 4/0 | 1.436 | 36.48 | 2807 | 4176 | 5414 | 2456 | 0.049 | 208 |
| | 80525004 | 250 | 1.615 | 41.01 | 3286 | 4890 | 6400 | 2903 | 0.041 | 232 |
| | 80535004 | 350 | 1.945 | 49.40 | 4757 | 7078 | 8967 | 4068 | 0.030 | 280 |
| | 80540004 | 400 | 2.097 | 53.26 | 5091 | 7575 | 10246 | 4648 | 0.035 | 304 |
| | 80550004 | 500 | 2.145 | 54.48 | 6702 | 9972 | 12800 | 5806 | 0.021 | 344 |
| | 80560004 | 600 | 2.482 | 63.05 | 8317 | 12375 | 15366 | 6970 | 0.017 | 380 |
| | 80575004 | 750 | 2.697 | 68.50 | 9665 | 14381 | 19200 | 8709 | 0.014 | 428 |

Ampacity values based on CE Code Part I 2024, Table 2 and 5C. Correction factors may apply. Dimensions and weights are nominal and subject to change without notice.

Specifications and Compliances

- CSA C22.2 No. 38, Thermoset-insulated wires and cables (Type RW90)
- CSA C22.2 No. 2556 FT4, IEEE 1202/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
- Sunlight Resistant SUN RES if black only; SUN RES in all colours available upon request.

Conductor

Solid Soft Copper, ASTM B3 or Stranded Soft Copper, ASTM B8

Insulation

Cross-linked Polyethylene (XLPE)
CSA Type XL 105°C dry, 90°C wet 600V,
Halogen-Free

Assembly

Cabled without a bonding conductor

Colour Code

Black, Red and Blue or Black with
Coloured Stripe

Applications

- For use in raceways (except cable tray), ventilated, non-ventilated and ladder-type cable trays.
- For dry, damp or wet locations, in ceiling air-handling plenums and concealed wiring.

CUSTOM ORDER OPTIONS

