



3 Conductor RW90 600V CSA

| 3C | 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 |
| | 8050603 | 6 | 0.556 | 14.13 | 280 | 416 | 629 | 285 | 0.396 | 75 |
| | 8050403 | 4 | 0.653 | 16.58 | 446 | 664 | 1001 | 454 | 0.249 | 95 |
| | 8050303 | 3 | 0.717 | 18.21 | 555 | 826 | 1263 | 573 | 0.197 | 115 |
| | 8050203 | 2 | 0.792 | 20.11 | 699 | 1040 | 1594 | 723 | 0.156 | 130 |
| | 8050103 | 1 | 0.877 | 22.29 | 890 | 1324 | 2010 | 912 | 0.124 | 145 |
| | 80501/003 | 1/0 | 0.965 | 24.51 | 1090 | 1622 | 2531 | 1148 | 0.098 | 170 |
| | 80502/003 | 2/0 | 1.059 | 26.91 | 1348 | 2005 | 3195 | 1449 | 0.078 | 195 |
| | 80503/003 | 3/0 | 1.138 | 28.92 | 1698 | 2527 | 4029 | 1828 | 0.062 | 225 |
| | 80504/003 | 4/0 | 1.275 | 32.40 | 2112 | 3142 | 5075 | 2302 | 0.049 | 260 |
| | 80525003 | 250 | 1.434 | 36.42 | 2472 | 3678 | 6000 | 2722 | 0.041 | 290 |
| | 80535003 | 350 | 1.727 | 43.87 | 3579 | 5324 | 8407 | 3814 | 0.030 | 350 |
| | 80540003 | 400 | 1.862 | 47.29 | 3830 | 5698 | 9606 | 4357 | 0.035 | 380 |
| | 80550003 | 500 | 1.905 | 48.38 | 5042 | 7501 | 12000 | 5443 | 0.021 | 430 |
| | 80560003 | 600 | 2.204 | 55.99 | 6257 | 9309 | 14406 | 6535 | 0.017 | 475 |
| | 80575003 | 750 | 2.395 | 60.82 | 7271 | 10818 | 18000 | 8165 | 0.014 | 535 |

Ampacity values based on CEC Part I 2018, Table 2. 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)
- -40°C Cold Bend and -40°C Cold Impact
- Sunlight Resistant SUN RES if black only; SUN RES in all colours available upon request.

Applications

- For exposed wiring and raceways (except cable tray) in wet and dry locations.
- Minimum recommended installation temperature of minus 40°C with proper handling procedures.
- Cables marked SUN RES are also for outdoor use and exposed wiring subjected to the weather.

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|--------------------|---|
| Conductor | Stranded Tinned or Bare Soft Copper Conductors, ASTM B8, B3 and B33 |
| Insulation | Cross-linked Polyethylene Insulation (XLPE) CSA Type XL 90°C dry/wet 600V |
| Assembly | Cabled without a bonding conductor |
| Colour Code | Black, Red and Blue or Black with Coloured Stripe |