



## 3 Conductor RWU90 1000V CSA

| SC | 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        |
|    | 9140603   | 6              | 0.676      | 17.18 | 155          | 230   | 315                 | 143  | 0.661              | 55       |
|    | 9140403   | 4              | 0.798      | 20.27 | 213          | 318   | 501                 | 227  | 0.416              | 75       |
|    | 9140303   | 3              | 0.856      | 21.75 | 253          | 377   | 631                 | 286  | 0.327              | 85       |
|    | 9140203   | 2              | 0.920      | 23.37 | 302          | 450   | 797                 | 361  | 0.261              | 100      |
|    | 9140103   | 1              | 1.049      | 26.64 | 395          | 588   | 1004                | 455  | 0.207              | 115      |
|    | 91401/003 | 1/0            | 1.141      | 28.97 | 472          | 703   | 1268                | 575  | 0.165              | 135      |
|    | 91402/003 | 2/0            | 1.213      | 30.82 | 564          | 839   | 1597                | 725  | 0.130              | 150      |
|    | 91403/003 | 3/0            | 1.263      | 32.07 | 672          | 1000  | 2015                | 914  | 0.103              | 175      |
|    | 91404/003 | 4/0            | 1.453      | 36.91 | 834          | 1241  | 2439                | 1106 | 0.079              | 205      |
|    | 91425003  | 250            | 1.616      | 41.04 | 1027         | 1529  | 3000                | 1361 | 0.067              | 230      |
|    | 91435003  | 350            | 1.821      | 46.26 | 1369         | 2037  | 4200                | 1905 | 0.050              | 280      |
|    | 91450003  | 500            | 2.057      | 52.24 | 1867         | 2779  | 6000                | 2722 | 0.035              | 350      |
|    | 91460003  | 600            | 2.303      | 58.50 | 2263         | 3368  | 8000                | 3629 | 0.029              | 385      |
|    | 91475003  | 750            | 2.529      | 64.23 | 2758         | 4105  | 9000                | 4083 | 0.023              | 435      |

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. 38, Thermoset-insulated wires and cables (Type RWU90)
- CSA C22.2 No. 230, Tray Cables (for 1/0 AWG and larger) (Standard TC rated. TC-ER Optional)
- 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
- Sunlight Resistant, SUN RES all colours, Direct Burial

**Conductor** Stranded AA-8000 Series Aluminum Alloy (ACM)

**Insulation** Cross-linked Polyethylene (XLPE) CSA Type XL 90°C dry/wet 1000V

**Assembly** Cabled without a bonding conductor

**Colour Code** Black, Red and Blue or Black with Coloured Stripe

### 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.