



**12 AWG RW90 600V CSA FT4 TC**

| 12 AWG         | Part No. | Conductor Count | Bonding Conductor | Insulation Thickness |       | Jacket Thickness |       | Cable O.D. |      | Cable Weight |       | Max Pulling Tension |      | Min Bend Radius |    | Ampacity |
|----------------|----------|-----------------|-------------------|----------------------|-------|------------------|-------|------------|------|--------------|-------|---------------------|------|-----------------|----|----------|
|                |          |                 | AWG               | in                   | mm    | in               | mm    | in         | mm   | lbs/Mft      | kg/km | lbs                 | kg   | in              | mm |          |
|                |          |                 |                   |                      |       |                  |       |            |      |              |       |                     |      |                 |    |          |
| 8201202BBG-PV4 | 2/C      | 12              | 0.030             | 0.8                  | 0.045 | 1.1              | 0.414 | 10.5       | 116  | 173          | 104   | 47                  | 3.7  | 95              | 30 |          |
| 8201203BBG-PV4 | 3/C      | 12              | 0.030             | 0.8                  | 0.045 | 1.1              | 0.436 | 11.1       | 146  | 217          | 156   | 71                  | 3.9  | 100             | 30 |          |
| 8201204BBG-PV4 | 4/C      | 12              | 0.030             | 0.8                  | 0.045 | 1.1              | 0.476 | 12.1       | 177  | 263          | 208   | 94                  | 4.3  | 109             | 24 |          |
| 8201205BBG-PV4 | 5/C      | 12              | 0.030             | 0.8                  | 0.06  | 1.5              | 0.549 | 14.0       | 227  | 338          | 260   | 118                 | 4.9  | 126             | 24 |          |
| 8201206BBG-PV4 | 6/C      | 12              | 0.030             | 0.8                  | 0.06  | 1.5              | 0.568 | 14.4       | 258  | 384          | 313   | 142                 | 5.1  | 130             | 24 |          |
| 8201207BBG-PV4 | 7/C      | 12              | 0.030             | 0.8                  | 0.06  | 1.5              | 0.595 | 15.1       | 289  | 430          | 365   | 166                 | 5.4  | 136             | 21 |          |
| 8201208BBG-PV4 | 8/C      | 12              | 0.030             | 0.8                  | 0.06  | 1.5              | 0.64  | 16.3       | 323  | 481          | 417   | 189                 | 5.8  | 146             | 21 |          |
| 8201209BBG-PV4 | 9/C      | 12              | 0.030             | 0.8                  | 0.06  | 1.5              | 0.663 | 16.8       | 354  | 527          | 469   | 213                 | 6.0  | 152             | 21 |          |
| 8201210BBG-PV4 | 10/C     | 12              | 0.030             | 0.8                  | 0.06  | 1.5              | 0.692 | 17.6       | 386  | 574          | 521   | 236                 | 6.2  | 158             | 21 |          |
| 8201211BBG-PV4 | 11/C     | 12              | 0.030             | 0.8                  | 0.06  | 1.5              | 0.717 | 18.2       | 417  | 620          | 573   | 260                 | 6.5  | 164             | 21 |          |
| 8201212BBG-PV4 | 12/C     | 12              | 0.030             | 0.8                  | 0.06  | 1.5              | 0.743 | 18.9       | 448  | 667          | 625   | 283                 | 6.7  | 170             | 21 |          |
| 8201215BBG-PV4 | 15/C     | 12              | 0.030             | 0.8                  | 0.08  | 2.0              | 0.869 | 22.1       | 577  | 859          | 781   | 354                 | 7.8  | 199             | 21 |          |
| 8201220BBG-PV4 | 20/C     | 12              | 0.030             | 0.8                  | 0.08  | 2.0              | 0.983 | 25.0       | 736  | 1096         | 1042  | 473                 | 8.8  | 225             | 21 |          |
| 8201225BBG-PV4 | 25/C     | 12              | 0.030             | 0.8                  | 0.08  | 2.0              | 1.088 | 27.6       | 894  | 1331         | 1302  | 591                 | 9.8  | 249             | 18 |          |
| 8201230BBG-PV4 | 30/C     | 12              | 0.030             | 0.8                  | 0.08  | 2.0              | 1.154 | 29.3       | 1048 | 1560         | 1563  | 709                 | 10.4 | 264             | 18 |          |
| 8201240BBG-PV4 | 40/C     | 12              | 0.030             | 0.8                  | 0.08  | 2.0              | 1.289 | 32.7       | 1353 | 2013         | 2084  | 945                 | 11.6 | 295             | 18 |          |
| 8201250BBG-PV4 | 50/C     | 12              | 0.030             | 0.8                  | 0.08  | 2.0              | 1.431 | 36.3       | 1658 | 2467         | 2605  | 1182                | 12.9 | 327             | 15 |          |

Ampacity values based on CE Code Part I 2024, 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)
- CSA C22.2 No. 230, Tray Cables (Standard TC rated. TC-ER Optional)
- 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 all colours, Direct Burial, Low Acid Gas (AG14)

**Conductor** — Stranded Soft Copper, ASTM B8

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

**Bonding** — Stranded Soft Copper, ASTM B8, XLPE Insulated (Green)

**Jacket** — Low Acid Gas Polyvinyl Chloride (PVC)

**Colour Code** — Black, White, Red and Blue or  
Black with White printed numbers

### Applications

- For use in raceways, ventilated, non-ventilated and ladder-type cable trays.
- For dry, damp or wet locations, in ceiling air-handling plenums and direct burial.
- For use in Hazardous locations: Zone 0 (intrinsically safe cables only), Zone 2, Zone 22 (per Section 18).

CUSTOM ORDER OPTIONS

