



1 Conductor RW90 600V CSA FT4 TC

| 1C | Part No. | Conductor Size | | Cable O.D. | | Cable Weight | | Max Pulling Tension | | Resistance at 20°C | Ampacity |
|----|---------------|----------------|-------|------------|---------|--------------|------|---------------------|--------|--------------------|----------|
| | | AWG/kcmil | in | mm | lbs/Mft | kg/km | lbs | kg | Ω/Mft | A | |
| | 82001/0BB-PV4 | 1/0 | 0.538 | 13.67 | 416 | 619 | 844 | 383 | 0.102 | 170 | |
| | 82002/0BB-PV4 | 2/0 | 0.577 | 14.66 | 478 | 712 | 1065 | 483 | 0.0811 | 195 | |
| | 82003/0BB-PV4 | 3/0 | 0.619 | 15.72 | 583 | 867 | 1343 | 609 | 0.0643 | 225 | |
| | 82004/0BB-PV4 | 4/0 | 0.685 | 17.40 | 759 | 1130 | 1692 | 767 | 0.0510 | 260 | |
| | 820250BB-PV4 | 250 | 0.760 | 19.30 | 895 | 1332 | 2000 | 907 | 0.0432 | 290 | |
| | 820350BB-PV4 | 350 | 0.915 | 23.24 | 1255 | 1868 | 2802 | 1271 | 0.0308 | 350 | |
| | 820500BB-PV4 | 500 | 1.032 | 26.21 | 1721 | 2561 | 3997 | 1813 | 0.0216 | 430 | |
| | 820600BB-PV4 | 600 | 1.103 | 28.02 | 2117 | 3151 | 4802 | 2178 | 0.0180 | 475 | |
| | 820750BB-PV4 | 750 | 1.288 | 32.72 | 2630 | 3914 | 6002 | 2722 | 0.0144 | 535 | |
| | 8201000BB-PV4 | 1000 | 1.442 | 36.63 | 3444 | 5125 | 7995 | 3627 | 0.0108 | 615 | |

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

Jacket

Low Acid Gas (LAG) 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 and direct burial.
- For use in Hazardous locations: Zone 0 (intrinsically safe cables only), Zone 2, Zone 22 (per Section 18).

CUSTOM ORDER OPTIONS

