



## 3 Conductor TECK90 1000V CSA FT4

| 3C               | Part No. | Power Conductor | Bonding Conductor | Insulation Thickness |       | Inner Jacket O.D. |       | Armour O.D. |       | Cable O.D. |      | Cable Weight |       | Max Pulling Tension |      | Min Bend Radius |     | Ampacity |
|------------------|----------|-----------------|-------------------|----------------------|-------|-------------------|-------|-------------|-------|------------|------|--------------|-------|---------------------|------|-----------------|-----|----------|
|                  |          | AWG/kcmil       | AWG               | in                   | mm    | in                | mm    | in          | mm    | in         | mm   | lbs/Mft      | kg/km | lbs                 | kg   | in              | mm  | A        |
| T1XAAUS4-3C-AL   | 4        | 6               | 0.060             | 1.52                 | 0.881 | 22.38             | 1.140 | 28.96       | 1.220 | 30.99      | 633  | 942          | 751   | 341                 | 17.1 | 434             | 75  |          |
| T1XAAUS2-3C-AL   | 2        | 6               | 0.060             | 1.52                 | 1.002 | 25.46             | 1.270 | 32.26       | 1.341 | 34.07      | 764  | 1137         | 1195  | 542                 | 18.8 | 477             | 100 |          |
| T1XAAUS1-3C-AL   | 1        | 4               | 0.080             | 2.03                 | 1.168 | 29.66             | 1.400 | 35.56       | 1.507 | 38.27      | 889  | 1323         | 1506  | 683                 | 21.1 | 536             | 115 |          |
| T1XAAUS1/0-3C-AL | 1/0      | 4               | 0.080             | 2.03                 | 1.249 | 31.72             | 1.450 | 36.83       | 1.604 | 40.74      | 1079 | 1606         | 1902  | 863                 | 22.5 | 570             | 135 |          |
| T1XAAUS2/0-3C-AL | 2/0      | 4               | 0.080             | 2.03                 | 1.258 | 31.95             | 1.560 | 39.62       | 1.613 | 40.97      | 1228 | 1827         | 2396  | 1087                | 22.6 | 574             | 150 |          |
| T1XAAUS3/0-3C-AL | 3/0      | 4               | 0.080             | 2.03                 | 1.342 | 34.08             | 1.670 | 42.42       | 1.697 | 43.10      | 1058 | 1575         | 3022  | 1371                | 23.8 | 603             | 175 |          |
| T1XAAUS4/0-3C-AL | 4/0      | 2               | 0.080             | 2.03                 | 1.559 | 39.59             | 1.825 | 46.36       | 1.969 | 50.01      | 1218 | 1813         | 3809  | 1728                | 27.6 | 700             | 205 |          |
| T1XAAUS250-3C-AL | 250      | 2               | 0.090             | 2.29                 | 1.758 | 44.64             | 1.985 | 50.42       | 2.168 | 55.05      | 1935 | 2880         | 4500  | 2041                | 30.3 | 771             | 230 |          |
| T1XAAUS350-3C-AL | 350      | 2               | 0.090             | 2.29                 | 1.969 | 50.01             | 2.219 | 56.36       | 2.409 | 61.19      | 2307 | 3434         | 6300  | 2858                | 33.7 | 857             | 280 |          |
| T1XAAUS500-3C-AL | 500      | 1               | 0.090             | 2.29                 | 2.233 | 56.73             | 2.500 | 63.50       | 2.673 | 67.90      | 3159 | 4702         | 9000  | 4083                | 37.4 | 951             | 350 |          |
| T1XAAUS750-3C-AL | 750      | 1/0             | 0.090             | 2.29                 | 2.603 | 66.11             | 2.796 | 71.02       | 3.043 | 77.28      | 3658 | 5444         | 13500 | 6124                | 42.6 | 1082            | 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. 131 (Type TECK90) cable
- CSA C22.2 No. 38, Thermoset-insulated wires and cables (Type RW90)
- CSA C22.2 No. 174, Cables and cable glands for use in hazardous locations (HL)
- 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 and Low Acid Gas, AG14

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

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

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

**Armour** Aluminum Interlock Armour (AIA)

**Jacket** Low Acid Gas Polyvinyl Chloride (PVC)  
Inner and Outer Jackets

**Colour Code** Black, Red & Blue or  
Black with White Numbering

### 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.
- Approved for all Hazardous Locations (HL) as per CE Code Part I 2024 Section 18, when installed with approved connectors.

### CUSTOM ORDER OPTIONS



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