



## 1 Conductor TECK90 1000V CSA FT4

| 1C | 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 |
|----|-------------------|-----------------|-------------------|----------------------|------|-------------------|-------|-------------|-------|------------|-------|--------------|-------|---------------------|------|-----------------|-----|----------|
|    |                   | kcmil           | AWG               | in                   | mm   | in                | mm    | in          | mm    | in         | mm    | lbs/Mft      | kg/km | lbs                 | kg   | in              | mm  | A        |
|    | T1XAAUS250-1C-AL  | 250             | 1                 | 0.090                | 2.28 | 0.890             | 22.61 | 1.130       | 28.70 | 1.210      | 30.70 | 726          | 1081  | 1717                | 779  | 16.9            | 430 | 230      |
|    | T1XAAUS300-1C-AL  | 300             | 1                 | 0.090                | 2.28 | 0.940             | 23.88 | 1.180       | 30.00 | 1.260      | 32.00 | 798          | 1188  | 1936                | 878  | 17.6            | 448 | 260      |
|    | T1XAAUS350-1C-AL  | 350             | 1/0               | 0.090                | 2.28 | 0.980             | 24.89 | 1.220       | 31.00 | 1.300      | 33.00 | 884          | 1315  | 2465                | 1118 | 18.2            | 462 | 280      |
|    | T1XAAUS500-1C-AL  | 500             | 2/0               | 0.090                | 2.28 | 1.160             | 29.46 | 1.400       | 35.60 | 1.485      | 37.70 | 1109         | 1650  | 3268                | 1482 | 20.8            | 528 | 350      |
|    | T1XAAUS750-1C-AL  | 750             | 3/0               | 0.090                | 2.28 | 1.400             | 35.56 | 1.640       | 41.70 | 1.740      | 44.20 | 1512         | 2250  | 5189                | 2354 | 24.4            | 619 | 435      |
|    | T1XAAUS1000-1C-AL | 1000            | 3/0               | 0.090                | 2.28 | 1.530             | 38.86 | 1.770       | 45.00 | 1.865      | 47.40 | 1859         | 2767  | 6869                | 3116 | 26.1            | 663 | 500      |

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. 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

Helically Applied Solid Bare AA-8000 Series Aluminum Alloy (ACM) Strands

### Armour

Aluminum Interlock Armour (AIA)

### Jacket

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

### 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 2024 Section 18, when installed with approved connectors.

### CUSTOM ORDER OPTIONS

