



**14 AWG TECK90 600V CSA FT4-ST1**

| 14 AWG           | Part No. | Conductor Count | Bonding Conductor |      | Insulation Thickness |      | Inner Jacket O.D. |      | Armour O.D. |      | Cable O.D. |      | Cable Weight |         | Max Pulling Tension |     | Min Bend Radius |    | Ampacity |
|------------------|----------|-----------------|-------------------|------|----------------------|------|-------------------|------|-------------|------|------------|------|--------------|---------|---------------------|-----|-----------------|----|----------|
|                  |          |                 | AWG               | in   | mm                   | in   | mm                | in   | mm          | in   | mm         | in   | mm           | lbs/Mft | kg/km               | lbs | kg              | in |          |
| T6XAAUS14-2C-NH  | 2        | 14              | 0.030             | 0.76 | 0.264                | 6.7  | 0.354             | 9.0  | 0.636       | 16.2 | 176        | 261  | 66           | 30      | 8.9                 | 226 | 25              |    |          |
| T6XAAUS14-3C-NH  | 3        | 14              | 0.030             | 0.76 | 0.284                | 7.2  | 0.374             | 9.5  | 0.656       | 16.7 | 200        | 297  | 99           | 45      | 9.2                 | 233 | 25              |    |          |
| T6XAAUS14-4C-NH  | 4        | 14              | 0.030             | 0.76 | 0.318                | 8.1  | 0.408             | 10.4 | 0.690       | 17.5 | 228        | 339  | 131          | 60      | 9.7                 | 245 | 20              |    |          |
| T6XAAUS14-5C-NH  | 5        | 14              | 0.030             | 0.76 | 0.356                | 9.1  | 0.446             | 11.3 | 0.728       | 18.5 | 259        | 385  | 164          | 75      | 10.2                | 259 | 20              |    |          |
| T6XAAUS14-6C-NH  | 6        | 14              | 0.030             | 0.76 | 0.372                | 9.5  | 0.462             | 11.7 | 0.744       | 18.9 | 282        | 420  | 197          | 89      | 10.4                | 265 | 20              |    |          |
| T6XAAUS14-7C-NH  | 7        | 14              | 0.030             | 0.76 | 0.396                | 10.1 | 0.486             | 12.3 | 0.768       | 19.5 | 307        | 457  | 230          | 104     | 10.8                | 273 | 17              |    |          |
| T6XAAUS14-8C-NH  | 8        | 14              | 0.030             | 0.76 | 0.436                | 11.1 | 0.556             | 14.1 | 0.838       | 21.3 | 360        | 536  | 263          | 119     | 11.7                | 298 | 17              |    |          |
| T6XAAUS14-9C-NH  | 9        | 14              | 0.030             | 0.76 | 0.455                | 11.6 | 0.575             | 14.6 | 0.857       | 21.8 | 385        | 573  | 296          | 134     | 12.0                | 305 | 17              |    |          |
| T6XAAUS14-10C-NH | 10       | 14              | 0.030             | 0.76 | 0.480                | 12.2 | 0.600             | 15.3 | 0.882       | 22.4 | 412        | 613  | 329          | 149     | 12.4                | 314 | 17              |    |          |
| T6XAAUS14-11C-NH | 11       | 14              | 0.030             | 0.76 | 0.503                | 12.8 | 0.623             | 15.8 | 0.905       | 23.0 | 437        | 651  | 362          | 164     | 12.7                | 322 | 17              |    |          |
| T6XAAUS14-12C-NH | 12       | 14              | 0.030             | 0.76 | 0.525                | 13.3 | 0.645             | 16.4 | 0.927       | 23.6 | 463        | 689  | 394          | 179     | 13.0                | 330 | 17              |    |          |
| T6XAAUS14-15C-NH | 15       | 14              | 0.030             | 0.76 | 0.601                | 15.3 | 0.721             | 18.3 | 1.035       | 26.3 | 546        | 812  | 493          | 224     | 14.5                | 368 | 17              |    |          |
| T6XAAUS14-20C-NH | 20       | 14              | 0.030             | 0.76 | 0.700                | 17.8 | 0.820             | 20.8 | 1.134       | 28.8 | 669        | 996  | 657          | 298     | 15.9                | 403 | 17              |    |          |
| T6XAAUS14-25C-NH | 25       | 14              | 0.030             | 0.76 | 0.792                | 20.1 | 0.952             | 24.2 | 1.286       | 32.7 | 899        | 1338 | 822          | 373     | 18.0                | 457 | 15              |    |          |
| T6XAAUS14-30C-NH | 30       | 14              | 0.030             | 0.76 | 0.846                | 21.5 | 1.006             | 25.6 | 1.340       | 34.0 | 1013       | 1508 | 986          | 447     | 18.8                | 477 | 15              |    |          |
| T6XAAUS14-40C-NH | 40       | 14              | 0.030             | 0.76 | 0.967                | 24.6 | 1.127             | 28.6 | 1.516       | 38.5 | 1254       | 1866 | 1315         | 596     | 21.2                | 539 | 15              |    |          |
| T6XAAUS14-50C-NH | 50       | 14              | 0.030             | 0.76 | 1.091                | 27.7 | 1.251             | 31.8 | 1.656       | 42.1 | 1516       | 2256 | 1644         | 745     | 23.2                | 589 | 12              |    |          |

Ampacity values based on CE Code Part I 2021, Table 2 and 5C. 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
- 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-ST1/UL 1685 Vertical-Tray Flame Test
- IEEE 383 & 1202, ICEA T-30-520 (70,000 BTU/hr) Vertical Flame Test rated
- NFPA 130 and NFPA 502, Smoke and Flame requirements.
- -40°C Cold Bend and -40°C Cold Impact
- Sunlight Resistant, Direct Burial, Low Acid Gas (AG14), Halogen-Free

- Conductor** Stranded Bare Soft Copper, ASTM B8
- Insulation** Cross-linked Polyethylene Insulation (XLPE) CSA Type XL 90°C dry/wet 600V
- Bonding** Stranded Bare Soft Copper, ASTM B8
- Armour** Aluminum or Galvanized Steel Interlock Armour
- Jacket** Thermoplastic Low Smoke Zero Halogen Inner and Outer Jackets
- Colour Code** 2C Black & White, 3C Black, Red & Blue, 4C Black, Red, Blue & White, 5C - 50C Black with White 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, 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.

