



10 AWG TECK90 1000V CSA FT4

| 10 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 A | |
|---------------|----------|-----------------|-------------------|-----|----------------------|------|-------------------|------|-------------|------|------------|------|--------------|---------|---------------------|-----|-----------------|----|---------------|----|
| | | | AWG | in | mm | in | mm | in | mm | in | mm | in | mm | lbs/Mft | kg/km | lbs | kg | in | | mm |
| | | | | | | | | | | | | | | | | | | | | |
| T1XAAUS10-2C | 2 | 10 | 0.045 | 1.1 | 0.412 | 10.5 | 0.502 | 12.7 | 0.784 | 19.9 | 277 | 413 | 166 | 75 | 9.4 | 239 | 40 | | | |
| T1XAAUS10-3C | 3 | 10 | 0.045 | 1.1 | 0.442 | 11.2 | 0.562 | 14.3 | 0.844 | 21.4 | 352 | 524 | 249 | 113 | 10.1 | 257 | 40 | | | |
| T1XAAUS10-4C | 4 | 10 | 0.045 | 1.1 | 0.495 | 12.6 | 0.615 | 15.6 | 0.897 | 22.8 | 413 | 615 | 332 | 151 | 10.8 | 273 | 32 | | | |
| T1XAAUS10-5C | 5 | 10 | 0.045 | 1.1 | 0.554 | 14.1 | 0.674 | 17.1 | 0.988 | 25.1 | 484 | 720 | 415 | 188 | 11.9 | 301 | 32 | | | |
| T1XAAUS10-6C | 6 | 10 | 0.045 | 1.1 | 0.579 | 14.7 | 0.699 | 17.8 | 1.013 | 25.7 | 537 | 799 | 498 | 226 | 12.2 | 309 | 32 | | | |
| T1XAAUS10-7C | 7 | 10 | 0.045 | 1.1 | 0.616 | 15.6 | 0.736 | 18.7 | 1.050 | 26.7 | 593 | 883 | 581 | 264 | 12.6 | 320 | 28 | | | |
| T1XAAUS10-8C | 8 | 10 | 0.045 | 1.1 | 0.677 | 17.2 | 0.797 | 20.2 | 1.111 | 28.2 | 658 | 979 | 664 | 301 | 13.3 | 339 | 28 | | | |
| T1XAAUS10-9C | 9 | 10 | 0.045 | 1.1 | 0.707 | 18.0 | 0.867 | 22.0 | 1.181 | 30.0 | 753 | 1121 | 747 | 339 | 14.2 | 360 | 28 | | | |
| T1XAAUS10-10C | 10 | 10 | 0.045 | 1.1 | 0.746 | 19.0 | 0.906 | 23.0 | 1.220 | 31.0 | 812 | 1209 | 830 | 377 | 14.6 | 372 | 28 | | | |
| T1XAAUS10-11C | 11 | 10 | 0.045 | 1.1 | 0.781 | 19.8 | 0.941 | 23.9 | 1.255 | 31.9 | 870 | 1294 | 913 | 414 | 15.1 | 382 | 28 | | | |
| T1XAAUS10-12C | 12 | 10 | 0.045 | 1.1 | 0.816 | 20.7 | 0.976 | 24.8 | 1.310 | 33.3 | 991 | 1474 | 996 | 452 | 15.7 | 399 | 28 | | | |
| T1XAAUS10-15C | 15 | 10 | 0.045 | 1.1 | 0.932 | 23.7 | 1.092 | 27.7 | 1.481 | 37.6 | 1179 | 1754 | 1245 | 565 | 17.8 | 451 | 28 | | | |
| T1XAAUS10-20C | 20 | 10 | 0.045 | 1.1 | 1.085 | 27.6 | 1.245 | 31.6 | 1.650 | 41.9 | 1492 | 2221 | 1660 | 753 | 19.8 | 503 | 28 | | | |
| T1XAAUS10-25C | 25 | 10 | 0.045 | 1.1 | 1.228 | 31.2 | 1.388 | 35.2 | 1.793 | 45.5 | 1779 | 2647 | 2075 | 941 | 21.5 | 546 | 24 | | | |
| T1XAAUS10-30C | 30 | 10 | 0.045 | 1.1 | 1.311 | 33.3 | 1.471 | 37.4 | 1.876 | 47.7 | 2039 | 3035 | 2490 | 1130 | 22.5 | 572 | 24 | | | |

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. 131, Type TECK90 cable
- CSA C22.2 No. 174, Cables and cable glands for use in hazardous locations
- 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 Bare Soft Copper, ASTM B8

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

Bonding Stranded Bare Soft Copper, ASTM B8

Armour Aluminum (AIA) or Galvanized Steel (SIA)
Interlock Armour

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

Colour Code Black, White, 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 2024 Section 18, when installed with approved connectors.

CUSTOM ORDER OPTIONS

