



12 AWG TECK90 600V CSA FT4-ST1

| 12 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 | lbs/Mft | kg/km | lbs | kg | in | mm | | |
| | | | | | | | | | | | | | | | | | | | |
| T6XAAUS12-2C-NH | 2 | 14 | 0.030 | 0.76 | 0.302 | 7.7 | 0.392 | 10.0 | 0.674 | 17.1 | 204 | 304 | 104 | 47 | 9.4 | 240 | 30 | | |
| T6XAAUS12-3C-NH | 3 | 14 | 0.030 | 0.76 | 0.325 | 8.3 | 0.415 | 10.5 | 0.697 | 17.7 | 237 | 353 | 156 | 71 | 9.8 | 248 | 30 | | |
| T6XAAUS12-4C-NH | 4 | 14 | 0.030 | 0.76 | 0.364 | 9.3 | 0.454 | 11.5 | 0.736 | 18.7 | 275 | 410 | 208 | 95 | 10.3 | 262 | 24 | | |
| T6XAAUS12-5C-NH | 5 | 14 | 0.030 | 0.76 | 0.408 | 10.4 | 0.498 | 12.7 | 0.780 | 19.8 | 318 | 472 | 260 | 118 | 10.9 | 277 | 24 | | |
| T6XAAUS12-6C-NH | 6 | 14 | 0.030 | 0.76 | 0.426 | 10.8 | 0.546 | 13.9 | 0.828 | 21.0 | 372 | 554 | 313 | 142 | 11.6 | 295 | 24 | | |
| T6XAAUS12-7C-NH | 7 | 14 | 0.030 | 0.76 | 0.454 | 11.5 | 0.574 | 14.6 | 0.856 | 21.7 | 408 | 607 | 365 | 165 | 12.0 | 304 | 21 | | |
| T6XAAUS12-8C-NH | 8 | 14 | 0.030 | 0.76 | 0.499 | 12.7 | 0.619 | 15.7 | 0.901 | 22.9 | 450 | 669 | 417 | 189 | 12.6 | 320 | 21 | | |
| T6XAAUS12-9C-NH | 9 | 14 | 0.030 | 0.76 | 0.522 | 13.2 | 0.642 | 16.3 | 0.924 | 23.5 | 484 | 720 | 469 | 213 | 12.9 | 328 | 21 | | |
| T6XAAUS12-10C-NH | 10 | 14 | 0.030 | 0.76 | 0.550 | 14.0 | 0.670 | 17.0 | 0.984 | 25.0 | 523 | 779 | 521 | 236 | 13.8 | 350 | 21 | | |
| T6XAAUS12-11C-NH | 11 | 14 | 0.030 | 0.76 | 0.576 | 14.6 | 0.696 | 17.7 | 1.010 | 25.7 | 559 | 831 | 573 | 260 | 14.1 | 359 | 21 | | |
| T6XAAUS12-12C-NH | 12 | 14 | 0.030 | 0.76 | 0.602 | 15.3 | 0.722 | 18.3 | 1.036 | 26.3 | 594 | 884 | 625 | 284 | 14.5 | 368 | 21 | | |
| T6XAAUS12-15C-NH | 15 | 14 | 0.030 | 0.76 | 0.688 | 17.5 | 0.808 | 20.5 | 1.122 | 28.5 | 703 | 1046 | 781 | 354 | 15.7 | 399 | 21 | | |
| T6XAAUS12-20C-NH | 20 | 14 | 0.030 | 0.76 | 0.801 | 20.4 | 0.961 | 24.4 | 1.295 | 32.9 | 983 | 1463 | 1042 | 473 | 18.1 | 461 | 21 | | |
| T6XAAUS12-25C-NH | 25 | 14 | 0.030 | 0.76 | 0.907 | 23.0 | 1.067 | 27.1 | 1.456 | 37.0 | 1167 | 1736 | 1302 | 591 | 20.4 | 518 | 18 | | |
| T6XAAUS12-30C-NH | 30 | 14 | 0.030 | 0.76 | 0.973 | 24.7 | 1.133 | 28.8 | 1.522 | 38.7 | 1331 | 1981 | 1563 | 709 | 21.3 | 541 | 18 | | |
| T6XAAUS12-40C-NH | 40 | 14 | 0.030 | 0.76 | 1.107 | 28.1 | 1.267 | 32.2 | 1.672 | 42.5 | 1683 | 2504 | 2084 | 945 | 23.4 | 595 | 18 | | |
| T6XAAUS12-50C-NH | 50 | 14 | 0.030 | 0.76 | 1.249 | 31.7 | 1.409 | 35.8 | 1.814 | 46.1 | 2014 | 2997 | 2605 | 1181 | 25.4 | 645 | 15 | | |

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.

