



10 AWG TECK90 600V 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 |
|---------------|----------|-----------------|-------------------|------|----------------------|-------|-------------------|-------|-------------|-------|------------|------|--------------|-------|---------------------|-----|-----------------|----|----------|
| | | | AWG | | in | mm | in | mm | in | mm | in | mm | lbs/Mft | kg/km | lbs | kg | in | mm | A |
| T6XAAUS10-2C | 2 | 12 | 0.030 | 0.76 | 0.400 | 10.16 | 0.640 | 16.30 | 0.725 | 18.40 | 282 | 420 | 166 | 75 | 10.2 | 258 | 40 | | |
| T6XAAUS10-3C | 3 | 12 | 0.030 | 0.76 | 0.430 | 10.92 | 0.670 | 17.00 | 0.755 | 19.10 | 292 | 435 | 249 | 113 | 10.6 | 268 | 40 | | |
| T6XAAUS10-4C | 4 | 12 | 0.030 | 0.76 | 0.500 | 12.70 | 0.740 | 18.80 | 0.825 | 21.00 | 370 | 550 | 332 | 151 | 11.6 | 293 | 32 | | |
| T6XAAUS10-5C | 5 | 12 | 0.030 | 0.76 | 0.555 | 14.10 | 0.795 | 20.20 | 0.880 | 22.40 | 406 | 605 | 415 | 188 | 12.3 | 313 | 32 | | |
| T6XAAUS10-6C | 6 | 12 | 0.030 | 0.76 | 0.640 | 16.26 | 0.880 | 22.40 | 0.964 | 24.50 | 512 | 762 | 498 | 226 | 13.5 | 343 | 32 | | |
| T6XAAUS10-7C | 7 | 12 | 0.030 | 0.76 | 0.655 | 16.64 | 0.895 | 22.70 | 0.980 | 24.90 | 533 | 793 | 581 | 264 | 13.7 | 348 | 28 | | |
| T6XAAUS10-8C | 8 | 12 | 0.030 | 0.76 | 0.660 | 16.76 | 0.900 | 22.90 | 0.985 | 25.00 | 688 | 1024 | 665 | 301 | 13.8 | 350 | 28 | | |
| T6XAAUS10-9C | 9 | 12 | 0.030 | 0.76 | 0.750 | 19.05 | 0.990 | 25.10 | 1.075 | 27.30 | 705 | 1050 | 748 | 339 | 15.1 | 382 | 28 | | |
| T6XAAUS10-10C | 10 | 12 | 0.030 | 0.76 | 0.770 | 19.56 | 1.010 | 25.70 | 1.094 | 27.80 | 746 | 1110 | 831 | 377 | 15.3 | 389 | 28 | | |
| T6XAAUS10-11C | 11 | 12 | 0.030 | 0.76 | 0.790 | 20.07 | 1.030 | 26.20 | 1.114 | 28.30 | 764 | 1137 | 914 | 414 | 15.6 | 396 | 28 | | |
| T6XAAUS10-12C | 12 | 12 | 0.030 | 0.76 | 0.820 | 20.83 | 1.060 | 26.90 | 1.144 | 29.10 | 880 | 1310 | 997 | 452 | 16.0 | 407 | 28 | | |
| T6XAAUS10-15C | 15 | 12 | 0.030 | 0.76 | 0.845 | 21.46 | 1.085 | 27.60 | 1.170 | 29.70 | 1049 | 1561 | 1246 | 565 | 16.4 | 416 | 28 | | |
| T6XAAUS10-20C | 20 | 12 | 0.030 | 0.76 | 1.050 | 26.67 | 1.290 | 32.80 | 1.380 | 35.10 | 1312 | 1953 | 1661 | 754 | 19.3 | 491 | 28 | | |
| T6XAAUS10-25C | 25 | 12 | 0.030 | 0.80 | 1.176 | 29.87 | 1.416 | 36.00 | 1.500 | 38.10 | 1518 | 2259 | 2077 | 942 | 21.0 | 533 | 24 | | |
| T6XAAUS10-30C | 30 | 12 | 0.030 | 0.80 | 1.240 | 31.50 | 1.480 | 37.60 | 1.590 | 40.40 | 1758 | 2617 | 2492 | 1130 | 22.3 | 565 | 24 | | |
| T6XAAUS10-40C | 40 | 12 | 0.030 | 0.80 | 1.455 | 36.96 | 1.695 | 43.10 | 1.800 | 45.70 | 2284 | 3399 | 3323 | 1507 | 25.2 | 640 | 24 | | |
| T6XAAUS10-50C | 50 | 12 | 0.030 | 0.80 | 1.610 | 40.89 | 1.850 | 47.00 | 1.955 | 49.70 | 2698 | 4015 | 4153 | 1884 | 27.4 | 695 | 20 | | |

Ampacity values based on CEC Part I 2018, 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 Vertical-Tray Flame Test
- -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 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 Low Acid Gas Polyvinyl Chloride (PVC)
 Inner and Outer Jackets
Colour Code Black, White, Red & Blue or
 Black with White Numbering

Applications

- For wet and dry locations.
- To be used for exposed and concealed wiring or where subjected to the weather.
- For direct earth burial and service entrance above or below ground.
- Use in ventilated, non-ventilated and ladder-type cable trays.
- Approved for all hazardous locations as per CEC Part I 2021 Section 18, when installed with approved connectors.

CUSTOM ORDER OPTIONS

