



10 AWG CIC CONTROL 600V CSA FT4-ST1 TC-ER

| 10 AWG | Part No. | Conductor Count | Bonding Conductor | Insulation Thickness | | Jacket Thickness | | Cable O.D. | | Cable Weight | | Max Pulling Tension | | Min Bend Radius | | Ampacity |
|--------|-------------------|-----------------|-------------------|----------------------|-----|------------------|-----|------------|------|--------------|-------|---------------------|------|-----------------|-----|----------|
| | | | AWG | in | mm | in | mm | in | mm | lbs/Mft | kg/km | lbs | kg | in | mm | A |
| | | | | | | | | | | | | | | | | |
| | 6XNAUS10-2CG-NHT | 2/C | 12 | 0.030 | 0.8 | 0.045 | 1.1 | 0.459 | 11.7 | 148 | 220 | 166 | 75 | 4.1 | 105 | 40 |
| | 6XNAUS10-3CG-NHT | 3/C | 12 | 0.030 | 0.8 | 0.045 | 1.1 | 0.485 | 12.3 | 192 | 286 | 249 | 113 | 4.4 | 111 | 40 |
| | 6XNAUS10-4CG-NHT | 4/C | 12 | 0.030 | 0.8 | 0.06 | 1.5 | 0.561 | 14.2 | 254 | 378 | 332 | 151 | 5.0 | 128 | 32 |
| | 6XNAUS10-5CG-NHT | 5/C | 12 | 0.030 | 0.8 | 0.06 | 1.5 | 0.611 | 15.5 | 306 | 455 | 415 | 188 | 5.5 | 140 | 32 |
| | 6XNAUS10-7CG-NHT | 6/C | 12 | 0.030 | 0.8 | 0.06 | 1.5 | 0.632 | 16.0 | 351 | 522 | 498 | 226 | 5.7 | 144 | 32 |
| | 6XNAUS10-8CG-NHT | 7/C | 12 | 0.030 | 0.8 | 0.06 | 1.5 | 0.663 | 16.8 | 397 | 591 | 581 | 264 | 6.0 | 152 | 28 |
| | 6XNAUS10-9CG-NHT | 8/C | 12 | 0.030 | 0.8 | 0.06 | 1.5 | 0.715 | 18.2 | 446 | 663 | 664 | 301 | 6.4 | 164 | 28 |
| | 6XNAUS10-10CG-NHT | 9/C | 12 | 0.030 | 0.8 | 0.06 | 1.5 | 0.741 | 18.8 | 491 | 731 | 747 | 339 | 6.7 | 169 | 28 |
| | 6XNAUS10-11CG-NHT | 10/C | 12 | 0.030 | 0.8 | 0.06 | 1.5 | 0.775 | 19.7 | 538 | 800 | 830 | 377 | 7.0 | 177 | 28 |
| | 6XNAUS10-6CG-NHT | 11/C | 12 | 0.030 | 0.8 | 0.06 | 1.5 | 0.804 | 20.4 | 584 | 869 | 913 | 414 | 7.2 | 184 | 28 |
| | 6XNAUS10-12CG-NHT | 12/C | 12 | 0.030 | 0.8 | 0.08 | 2.0 | 0.874 | 22.2 | 664 | 988 | 996 | 452 | 7.9 | 200 | 28 |
| | 6XNAUS10-15CG-NHT | 15/C | 12 | 0.030 | 0.8 | 0.08 | 2.0 | 0.973 | 24.7 | 807 | 1201 | 1245 | 565 | 8.8 | 222 | 28 |
| | 6XNAUS10-20CG-NHT | 20/C | 12 | 0.030 | 0.8 | 0.08 | 2.0 | 1.103 | 28.0 | 1040 | 1548 | 1660 | 753 | 9.9 | 252 | 28 |
| | 6XNAUS10-25CG-NHT | 25/C | 12 | 0.030 | 0.8 | 0.08 | 2.0 | 1.229 | 31.2 | 1275 | 1897 | 2075 | 941 | 11.1 | 281 | 24 |
| | 6XNAUS10-30CG-NHT | 30/C | 12 | 0.030 | 0.8 | 0.08 | 2.0 | 1.300 | 33.0 | 1499 | 2231 | 2490 | 1130 | 11.7 | 297 | 24 |
| | 6XNAUS10-40CG-NHT | 40/C | 12 | 0.030 | 0.8 | 0.08 | 2.0 | 1.455 | 37.0 | 1949 | 2900 | 3320 | 1506 | 13.1 | 333 | 24 |
| | 6XNAUS10-50CG-NHT | 50/C | 12 | 0.030 | 0.8 | 0.08 | 2.0 | 1.619 | 41.1 | 2400 | 3572 | 4150 | 1883 | 14.6 | 370 | 20 |

Ampacity values based on CE Code Part I 2021, Table 2. Correction factors may apply. Dimensions and weights are nominal and subject to change without notice.

Specifications and Compliances

- CSA C22.2 No. 239, Control and Instrumentation cables (Type CIC)
- CSA C22.2 No. 38 Thermoset-Insulated Wires and Cables (Type RW90)
- CSA C22.2 No. 230, Tray Cables Exposed Run (Type TC-ER)
- 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 Smoke and Flame requirements.
- -40°C Cold Bend and -40°C Cold Impact
- Sunlight Resistant, Direct Burial, Low Acid Gas (AG14)

Conductor Stranded Soft Copper, ASTM B8

Insulation Cross-linked Polyethylene Insulation (XLPE)
CSA Type XL 90°C Dry/105°C dry 600V

Bonding Green Insulated Stranded Bare Soft Copper, ASTM B8

Jacket Thermoplastic Low Smoke Zero Halogen

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 and direct burial.
- For use in Hazardous locations: Zone 0 (intrinsically safe cables only), Zone 2, Zone 22 (per Section 18).
- Cables marked TC-ER tray cable are permitted for exposed runs as per CE Code Part I 12-2202 3) and 4).

