



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

| 14 AWG | Part No. | Conductor Count | Insulation Thickness | | Jacket Thickness | | Cable O.D. | | Cable Weight | | Max Pulling Tension | | Min Bend Radius | | Ampacity |
|------------------|----------|-----------------|----------------------|-----|------------------|-----|------------|------|--------------|-------|---------------------|------|-----------------|-----|----------|
| | | | in | mm | in | mm | in | mm | lbs/Mft | kg/km | lbs | kg | in | mm | A |
| 6XNAOS14-2C-NHT | 2/C | 2/C | 0.030 | 0.8 | 0.045 | 1.1 | 0.396 | 10.1 | 91 | 135 | 104 | 47 | 3.6 | 91 | 25 |
| 6XNAOS14-3C-NHT | 3/C | 3/C | 0.030 | 0.8 | 0.045 | 1.1 | 0.419 | 10.6 | 121 | 180 | 156 | 71 | 3.8 | 96 | 25 |
| 6XNAOS14-4C-NHT | 4/C | 4/C | 0.030 | 0.8 | 0.045 | 1.1 | 0.458 | 11.6 | 152 | 226 | 208 | 95 | 4.1 | 105 | 20 |
| 6XNAOS14-5C-NHT | 5/C | 5/C | 0.030 | 0.8 | 0.045 | 1.1 | 0.504 | 12.8 | 188 | 279 | 260 | 118 | 4.5 | 115 | 20 |
| 6XNAOS14-6C-NHT | 6/C | 6/C | 0.030 | 0.8 | 0.045 | 1.1 | 0.552 | 14.0 | 233 | 347 | 313 | 142 | 5.0 | 126 | 20 |
| 6XNAOS14-7C-NHT | 7/C | 7/C | 0.030 | 0.8 | 0.045 | 1.1 | 0.579 | 14.7 | 265 | 395 | 365 | 165 | 5.2 | 132 | 17 |
| 6XNAOS14-8C-NHT | 8/C | 8/C | 0.030 | 0.8 | 0.06 | 1.5 | 0.625 | 15.9 | 299 | 445 | 417 | 189 | 5.6 | 143 | 17 |
| 6XNAOS14-9C-NHT | 9/C | 9/C | 0.030 | 0.8 | 0.06 | 1.5 | 0.647 | 16.4 | 330 | 491 | 469 | 213 | 5.8 | 148 | 17 |
| 6XNAOS14-10C-NHT | 10/C | 10/C | 0.030 | 0.8 | 0.06 | 1.5 | 0.676 | 17.2 | 362 | 538 | 521 | 236 | 6.1 | 155 | 17 |
| 6XNAOS14-11C-NHT | 11/C | 11/C | 0.030 | 0.8 | 0.06 | 1.5 | 0.702 | 17.8 | 393 | 585 | 573 | 260 | 6.3 | 160 | 17 |
| 6XNAOS14-12C-NHT | 12/C | 12/C | 0.030 | 0.8 | 0.06 | 1.5 | 0.727 | 18.5 | 425 | 632 | 625 | 284 | 6.5 | 166 | 17 |
| 6XNAOS14-15C-NHT | 15/C | 15/C | 0.030 | 0.8 | 0.06 | 1.5 | 0.814 | 20.7 | 520 | 774 | 781 | 354 | 7.3 | 186 | 17 |
| 6XNAOS14-20C-NHT | 20/C | 20/C | 0.030 | 0.8 | 0.08 | 2.0 | 0.967 | 24.6 | 713 | 1061 | 1042 | 473 | 8.7 | 221 | 17 |
| 6XNAOS14-25C-NHT | 25/C | 25/C | 0.030 | 0.8 | 0.08 | 2.0 | 1.073 | 27.2 | 872 | 1297 | 1302 | 591 | 9.7 | 245 | 15 |
| 6XNAOS14-30C-NHT | 30/C | 30/C | 0.030 | 0.8 | 0.08 | 2.0 | 1.138 | 28.9 | 1026 | 1527 | 1563 | 709 | 10.2 | 260 | 15 |
| 6XNAOS14-40C-NHT | 40/C | 40/C | 0.030 | 0.8 | 0.08 | 2.0 | 1.273 | 32.3 | 1331 | 1980 | 2084 | 945 | 11.5 | 291 | 15 |
| 6XNAOS14-50C-NHT | 50/C | 50/C | 0.030 | 0.8 | 0.08 | 2.0 | 1.415 | 35.9 | 1637 | 2436 | 2605 | 1181 | 12.7 | 323 | 12 |

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. 38, Thermoset-insulated wires and cables (Type RW90)
- CSA C22.2 No. 239, Control and instrumentation cables (Type CIC)
- CSA C22.2 No. 230, Tray Cables Exposed Run (Type TC-ER)
- CSA C22.2 No. 2556 FT4-ST1 IEEE 1202/UL 1685
- 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/wet 600V
Shielding Overall Aluminum Mylar Shield with Tinned Copper Drain Wire

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 wet and dry locations.
- For use in raceways, including cable trays, Ventilated, non-ventilated, ladder tray and direct burial.
- To be used for exposed wiring where subjected to the weather.
- For Hazardous Locations (HL) Class I-Zone 0 Intrinsically safe Div. 2, Class II-Div. 2 and Class III-Div. 2 as per CE Code Part I J18-152, J18-254 and J18-354.
- Cables marked TC-ER tray cable are permitted for exposed runs as per CE Code Part I 12-2202 3) and 4).

