



Tinned Copper
FT4-ST1 600V

ElectroSignal®



16 AWG CIC INSTRUMENTATION 600V CSA FT4-ST1 TC-ER

| Pairs | Part No. | Number of Pairs | Cable O.D. | | Cable Weight | | Max Pulling Tension | | Min Bend Radius | |
|-------|---------------------|-----------------|------------|------|--------------|-------|---------------------|-----|-----------------|-----|
| | | | in | mm | lbs/Mft | kg/km | lbs | kg | in | mm |
| | 6XNAOS16-1PR-NHT | 1 | 0.328 | 8.3 | 55 | 82 | 41 | 19 | 3.9 | 100 |
| | 6XNAISOS16-2PR-NHT | 2 | 0.602 | 15.3 | 129 | 192 | 83 | 37 | 7.2 | 183 |
| | 6XNAISOS16-3PR-NHT | 3 | 0.638 | 16.2 | 164 | 244 | 124 | 56 | 7.7 | 194 |
| | 6XNAISOS16-4PR-NHT | 4 | 0.700 | 17.8 | 202 | 300 | 165 | 75 | 8.4 | 213 |
| | 6XNAISOS16-6PR-NHT | 6 | 0.797 | 20.3 | 273 | 407 | 248 | 112 | 9.6 | 243 |
| | 6XNAISOS16-8PR-NHT | 8 | 0.952 | 24.2 | 384 | 571 | 330 | 150 | 11.4 | 290 |
| | 6XNAISOS16-12PR-NHT | 12 | 1.114 | 28.3 | 530 | 788 | 495 | 225 | 13.4 | 339 |
| | 6XNAISOS16-24PR-NHT | 24 | 1.596 | 40.5 | 967 | 1438 | 991 | 449 | 19.2 | 487 |

| Triads | Part No. | Number of Triads | Cable O.D. | | Cable Weight | | Max Pulling Tension | | Min Bend Radius | |
|--------|--------------------|------------------|------------|------|--------------|-------|---------------------|-----|-----------------|-----|
| | | | in | mm | lbs/Mft | kg/km | lbs | kg | in | mm |
| | 6XNAOS16-1TR-NHT | 1 | 0.346 | 8.8 | 69 | 103 | 62 | 28 | 4.2 | 105 |
| | 6XNAISOS16-2TR-NHT | 2 | 0.637 | 16.2 | 161 | 239 | 124 | 56 | 7.6 | 194 |
| | 6XNAISOS16-4TR-NHT | 4 | 0.816 | 20.7 | 269 | 400 | 248 | 112 | 9.8 | 249 |
| | 6XNAISOS16-6TR-NHT | 6 | 1.010 | 25.7 | 413 | 615 | 372 | 169 | 12.1 | 308 |
| | 6XNAISOS16-8TR-NHT | 8 | 1.144 | 29.1 | 523 | 779 | 495 | 225 | 13.7 | 349 |

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 105°C dry, 90°C wet 600V

Shielding Individual and Overall Shield with Tinned Copper Drain Wires
Jacket Thermoplastic Low Smoke Zero Halogen
Colour Code Black and White Pairs or Black, White and Red Triads

- ### 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).



Made In Canada

