



## 16 AWG ACIC INSTRUMENTATION 600V CSA FT4-ST1

| 16 AWG | Part No.        | Conductor Count | Inner Jacket O.D. |      | Armour O.D. |      | Cable O.D. |      | Cable Weight |       | Max Pulling Tension |     | Min Bend Radius |     |
|--------|-----------------|-----------------|-------------------|------|-------------|------|------------|------|--------------|-------|---------------------|-----|-----------------|-----|
|        |                 |                 | in                | mm   | in          | mm   | in         | mm   | lbs/Mft      | kg/km | lbs                 | kg  | in              | mm  |
|        | 6XAAUS16-2C-NH  | 2               | 0.253             | 6.4  | 0.343       | 8.7  | 0.641      | 16.3 | 169          | 251   | 41                  | 19  | 9.0             | 228 |
|        | 6XAAUS16-3C-NH  | 3               | 0.270             | 6.9  | 0.360       | 9.1  | 0.658      | 16.7 | 187          | 278   | 62                  | 28  | 9.2             | 234 |
|        | 6XAAUS16-4C-NH  | 4               | 0.301             | 7.6  | 0.391       | 9.9  | 0.689      | 17.5 | 208          | 310   | 83                  | 37  | 9.6             | 245 |
|        | 6XAAUS16-5C-NH  | 5               | 0.335             | 8.5  | 0.425       | 10.8 | 0.723      | 18.4 | 233          | 346   | 103                 | 47  | 10.1            | 257 |
|        | 6XAAUS16-6C-NH  | 6               | 0.349             | 8.9  | 0.439       | 11.2 | 0.737      | 18.7 | 249          | 371   | 124                 | 56  | 10.3            | 262 |
|        | 6XAAUS16-7C-NH  | 7               | 0.371             | 9.4  | 0.461       | 11.7 | 0.759      | 19.3 | 268          | 399   | 145                 | 66  | 10.6            | 270 |
|        | 6XAAUS16-8C-NH  | 8               | 0.406             | 10.3 | 0.496       | 12.6 | 0.794      | 20.2 | 292          | 434   | 165                 | 75  | 11.1            | 282 |
|        | 6XAAUS16-9C-NH  | 9               | 0.424             | 10.8 | 0.514       | 13.0 | 0.812      | 20.6 | 310          | 461   | 186                 | 84  | 11.4            | 289 |
|        | 6XAAUS16-10C-NH | 10              | 0.446             | 11.3 | 0.566       | 14.4 | 0.864      | 21.9 | 353          | 525   | 206                 | 94  | 12.1            | 307 |
|        | 6XAAUS16-12C-NH | 12              | 0.486             | 12.3 | 0.606       | 15.4 | 0.904      | 23.0 | 391          | 582   | 248                 | 112 | 12.7            | 322 |
|        | 6XAAUS16-15C-NH | 15              | 0.553             | 14.1 | 0.673       | 17.1 | 1.003      | 25.5 | 455          | 677   | 310                 | 140 | 14.0            | 357 |
|        | 6XAAUS16-20C-NH | 20              | 0.642             | 16.3 | 0.762       | 19.4 | 1.092      | 27.7 | 547          | 814   | 413                 | 187 | 15.3            | 388 |
|        | 6XAAUS16-30C-NH | 30              | 0.773             | 19.6 | 0.933       | 23.7 | 1.263      | 32.1 | 760          | 1131  | 619                 | 281 | 17.7            | 449 |
|        | 6XAAUS16-40C-NH | 40              | 0.878             | 22.3 | 1.038       | 26.4 | 1.388      | 35.3 | 991          | 1474  | 826                 | 375 | 19.4            | 494 |
|        | 6XAAUS16-50C-NH | 50              | 0.992             | 25.2 | 1.152       | 29.3 | 1.557      | 39.6 | 1172         | 1744  | 1032                | 468 | 21.8            | 554 |

Dimensions and weights are nominal and subject to change without notice.

### Specifications and Compliances

- CSA C22.2 No. 239, Control and instrumentation cables (Type ACIC)
- 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, XLPE Insulated (Green)

### Armour

Aluminum or Galvanized Steel Interlock Armour

### Jacket

Thermoplastic Low Smoke Zero Halogen  
Inner and Outer Jackets

### Colour Code

Black with white numbering with  
colour options available

### 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.