



## 16 AWG ACIC 300V CSA FT4

| Pairs | Part No.        | Number of Pairs | Insulation Thickness |      | Inner Jacket O.D. |      | Armour O.D. |      | Cable O.D. |      | Cable Weight |       | Max Pulling Tension |     | Min Bend Radius |     |
|-------|-----------------|-----------------|----------------------|------|-------------------|------|-------------|------|------------|------|--------------|-------|---------------------|-----|-----------------|-----|
|       |                 |                 | in                   | mm   | in                | mm   | in          | mm   | in         | mm   | lbs/Mft      | kg/km | lbs                 | kg  | in              | mm  |
|       |                 |                 |                      |      |                   |      |             |      |            |      |              |       |                     |     |                 |     |
|       | 3XAAOS16-1PR    | 1               | 0.015                | 0.38 | 0.178             | 4.5  | 0.268       | 6.8  | 0.566      | 14.4 | 129          | 192   | 41                  | 19  | 7.9             | 201 |
|       | 3XAAISOS16-2PR  | 2               | 0.015                | 0.38 | 0.360             | 9.1  | 0.450       | 11.4 | 0.748      | 19.0 | 213          | 316   | 83                  | 37  | 10.5            | 266 |
|       | 3XAAISOS16-4PR  | 4               | 0.015                | 0.38 | 0.435             | 11.1 | 0.555       | 14.1 | 0.853      | 21.7 | 306          | 456   | 165                 | 75  | 11.9            | 303 |
|       | 3XAAISOS16-6PR  | 6               | 0.015                | 0.38 | 0.508             | 12.9 | 0.628       | 16.0 | 0.926      | 23.5 | 378          | 562   | 248                 | 112 | 13.0            | 329 |
|       | 3XAAISOS16-8PR  | 8               | 0.015                | 0.38 | 0.594             | 15.1 | 0.714       | 18.1 | 1.044      | 26.5 | 457          | 679   | 330                 | 150 | 14.6            | 371 |
|       | 3XAAISOS16-12PR | 12              | 0.015                | 0.38 | 0.715             | 18.2 | 0.875       | 22.2 | 1.205      | 30.6 | 632          | 941   | 495                 | 225 | 16.9            | 428 |

  

| Triads | Part No.       | Number of Triads | Insulation Thickness |      | Inner Jacket O.D. |      | Armour O.D. |      | Cable O.D. |      | Cable Weight |       | Max Pulling Tension |     | Min Bend Radius |     |
|--------|----------------|------------------|----------------------|------|-------------------|------|-------------|------|------------|------|--------------|-------|---------------------|-----|-----------------|-----|
|        |                |                  | in                   | mm   | in                | mm   | in          | mm   | in         | mm   | lbs/Mft      | kg/km | lbs                 | kg  | in              | mm  |
|        |                |                  |                      |      |                   |      |             |      |            |      |              |       |                     |     |                 |     |
|        | 3XAAOS16-1TR   | 1                | 0.015                | 0.38 | 0.191             | 4.9  | 0.281       | 7.1  | 0.579      | 14.7 | 142          | 212   | 62                  | 28  | 8.1             | 206 |
|        | 3XAAISOS16-2TR | 2                | 0.015                | 0.38 | 0.388             | 9.9  | 0.478       | 12.1 | 0.776      | 19.7 | 243          | 361   | 124                 | 56  | 10.9            | 276 |
|        | 3XAAISOS16-4TR | 4                | 0.015                | 0.38 | 0.522             | 13.3 | 0.642       | 16.3 | 0.940      | 23.9 | 376          | 559   | 248                 | 112 | 13.2            | 334 |
|        | 3XAAISOS16-6TR | 6                | 0.015                | 0.38 | 0.637             | 16.2 | 0.757       | 19.2 | 1.087      | 27.6 | 485          | 721   | 372                 | 169 | 15.2            | 387 |
|        | 3XAAISOS16-8TR | 8                | 0.015                | 0.38 | 0.735             | 18.7 | 0.895       | 22.7 | 1.225      | 31.1 | 626          | 932   | 495                 | 225 | 17.1            | 435 |

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. 38, Thermoset-insulated wires and cables (Type RW90)
- CSA C22.2 No. 174, Cables and cable glands for use in hazardous locations (HL-ABCD)
- CSA C22.2 No. 2556 FT4, UL 1685 Vertical-Tray Flame Test
- IEEE 383 & 1202, ICEA T-30-520 (70,000 BTU/hr) Vertical Flame Test rated
- -40°C Cold Bend and -40°C Cold Impact
- Sunlight Resistant, SUN RES and Low Acid Gas, AG14

**Conductor** Stranded Tinned Soft Copper, ASTM B8, B33  
**Insulation** Cross-linked Polyethylene (XLPE)  
 CSA Type XL 90°C wet, 105°C dry 300V

**Option:** Polyvinyl Chloride (PVC) insulation  
**Shielding** Individual and Overall Aluminum Mylar Shield with Tinned Copper Drain Wires  
**Armour** Aluminum (AIA) or Galvanized Steel (SIA) Interlock Armour  
**Jacket** Low Acid Gas Polyvinyl Chloride Inner and Outer Jackets (PVC)  
**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, direct burial, exposed and concealed wiring.
- Approved for all Hazardous Locations (HL-ABCD) as per CE Code Part I 2024 Section 18, when installed with approved connectors.

### CUSTOM ORDER OPTIONS

