



16 AWG ACIC 600V 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 |
| | 6XAAOS16-1PR | 1 | 0.030 | 0.76 | 0.329 | 8.36 | 0.549 | 13.95 | 0.669 | 17.00 | 173 | 258 | 41 | 19 | 9 | 225 |
| | 6XAAISOS16-2PR | 2 | 0.030 | 0.76 | 0.568 | 14.44 | 0.788 | 20.03 | 0.948 | 24.09 | 327 | 486 | 83 | 37 | 11 | 292 |
| | 6XAAISOS16-4PR | 4 | 0.030 | 0.76 | 0.665 | 16.89 | 0.885 | 22.47 | 1.045 | 26.54 | 416 | 620 | 165 | 75 | 13 | 331 |
| | 6XAAISOS16-6PR | 6 | 0.030 | 0.76 | 0.804 | 20.41 | 1.024 | 26.00 | 1.184 | 30.06 | 523 | 778 | 248 | 112 | 14 | 355 |
| | 6XAAISOS16-8PR | 8 | 0.030 | 0.76 | 0.874 | 22.20 | 1.094 | 27.79 | 1.254 | 31.86 | 602 | 897 | 330 | 150 | 16 | 416 |
| | 6XAAISOS16-12PR | 12 | 0.030 | 0.76 | 1.074 | 27.28 | 1.329 | 33.76 | 1.489 | 37.82 | 794 | 1182 | 495 | 225 | 18 | 446 |

| 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 |
| | 6XAAOS16-1TR | 1 | 0.030 | 0.76 | 0.347 | 8.81 | 0.567 | 14.40 | 0.687 | 17.45 | 193 | 287 | 62 | 28 | 10 | 244 |
| | 6XAAISOS16-2TR | 2 | 0.030 | 0.76 | 0.604 | 15.33 | 0.824 | 20.92 | 0.984 | 24.99 | 366 | 545 | 124 | 56 | 14 | 350 |
| | 6XAAISOS16-4TR | 4 | 0.030 | 0.76 | 0.707 | 17.97 | 0.927 | 23.55 | 1.087 | 27.62 | 485 | 722 | 248 | 112 | 15 | 387 |
| | 6XAAISOS16-6TR | 6 | 0.030 | 0.76 | 0.857 | 21.76 | 1.077 | 27.34 | 1.237 | 31.41 | 622 | 925 | 372 | 169 | 17 | 440 |
| | 6XAAISOS16-8TR | 8 | 0.030 | 0.76 | 0.932 | 23.68 | 1.152 | 29.27 | 1.312 | 33.33 | 730 | 1086 | 495 | 225 | 18 | 467 |

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. 174, Cables and cable glands for use in hazardous locations
- CSA C22.2 No. 2556 FT4 Vertical-Tray Flame Test
- -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 Insulation (XLPE)
CSA Type XL 90°C dry/wet 600V

Option: Polyvinyl Chloride (PVC) insulation

Shielding

Individual and Overall Shield with Tinned Copper Drain Wires

Armour

Aluminum or Galvanized Steel Interlock Armour

Jacket

Low Acid Gas Polyvinyl Chloride (PVC)

Applications

- For wet and dry locations.
- To be used for exposed and concealed wiring or where subjected to the weather.
- For use in ventilated, non-ventilated and ladder-type cable trays, in ceiling air-handling plenums, or directly buried.

