



## 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 105°C dry, 90°C wet 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

