



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	0.238	6.1	0.328	8.3	0.626	15.9	152	226	41	19	8.8	223
	6XAAISOS16-2PR	2	0.030	0.76	0.482	12.2	0.602	15.3	0.900	22.9	284	423	83	37	12.6	320
	6XAAISOS16-4PR	4	0.030	0.76	0.580	14.7	0.700	17.8	1.030	26.2	377	561	165	75	14.4	366
	6XAAISOS16-6PR	6	0.030	0.76	0.677	17.2	0.797	20.3	1.127	28.6	466	693	248	112	15.8	401
	6XAAISOS16-8PR	8	0.030	0.76	0.792	20.1	0.952	24.2	1.302	33.1	667	992	330	150	18.2	463
	6XAAISOS16-12PR	12	0.030	0.76	0.954	24.2	1.114	28.3	1.519	38.6	854	1271	495	225	21.3	540

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	0.256	6.5	0.346	8.8	0.644	16.4	169	252	62	28	9.0	229
	6XAAISOS16-2TR	2	0.030	0.76	0.517	13.1	0.637	16.2	0.935	23.8	321	478	124	56	13.1	333
	6XAAISOS16-4TR	4	0.030	0.76	0.696	17.7	0.816	20.7	1.146	29.1	466	693	248	112	16.0	408
	6XAAISOS16-6TR	6	0.030	0.76	0.850	21.6	1.010	25.7	1.360	34.5	710	1057	372	169	19.0	484
	6XAAISOS16-8TR	8	0.030	0.76	0.980	24.9	1.140	29.0	1.545	39.3	852	1268	495	225	21.6	550

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 dry/wet 600V

Option: Polyvinyl Chloride (PVC) insulation
Shielding Individual and Overall 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) as per CE Code Part 2024 Section 18, when installed with approved connectors.