



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 ACIC)
- CSA C22.2 No. 174, Cables and cable glands for use in hazardous locations (HL-ABCD)
- 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 Inner and Outer Jackets (PVC)

Colour Code

Black and White Pairs or
Black, White and Red Triads

Applications

- For wet and dry locations.
- To be used for exposed and concealed wiring or where subjected to the weather.
- Use in ventilated, non-ventilated and ladder-type cable trays or directly buried.
- Approved for all hazardous locations as per CE Code Part I 2021 Section 18, when installed with approved connectors.