



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	0.270	6.86	0.510	12.95	0.610	15.49	169	252	41	19	8.5	217
	3XAAISOS16-2PR	2	0.015	0.38	0.480	12.19	0.720	18.29	0.820	20.83	228	340	83	37	11.5	292
	3XAAISOS16-4PR	4	0.015	0.38	0.530	13.46	0.770	19.56	0.870	22.10	344	512	165	75	12.2	309
	3XAAISOS16-6PR	6	0.015	0.38	0.740	18.80	0.980	24.89	1.080	27.43	422	628	248	112	15.1	384
	3XAAISOS16-8PR	8	0.015	0.38	0.760	19.30	1.000	25.40	1.190	30.23	497	740	330	150	16.7	423
	3XAAISOS16-12PR	12	0.015	0.38	1.015	25.78	1.255	32.00	1.355	34.54	766	1140	495	225	19.0	482

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	0.272	6.91	0.512	12.95	0.618	15.49	180	268	62	28	8.7	220
	3XAAISOS16-2TR	2	0.015	0.38	0.560	14.22	0.800	20.32	0.900	22.86	247	368	124	56	12.6	320
	3XAAISOS16-4TR	4	0.015	0.38	0.640	16.26	0.880	22.35	0.980	24.89	427	636	248	112	13.7	348
	3XAAISOS16-6TR	6	0.015	0.38	0.850	21.59	1.090	27.69	1.125	28.70	613	912	372	169	15.8	400
	3XAAISOS16-8TR	8	0.015	0.38	1.004	25.50	1.244	31.50	1.344	34.04	744	1108	495	225	18.8	478

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
- 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 300V

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, White, Red, Blue and Green or Black and White with printed number

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 CEC Part I 2021 Section 18, when installed with approved connectors.