



Tinned Copper
600V

ElectroPower®



18 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
			6XAAOS18-1PR	1	0.030	0.76	0.260	6.60	0.500	12.70	0.580	14.73	261	389	41	19
6XAAISOS18-2PR	2	0.030	0.76	0.450	11.43	0.690	17.53	0.790	20.07	282	420	83	37	11.1	281	
6XAAISOS18-4PR	4	0.030	0.76	0.522	13.26	0.762	19.30	0.862	21.84	445	662	165	75	12.1	307	
6XAAISOS18-8PR	8	0.030	0.76	0.703	17.86	0.943	23.88	1.043	26.42	555	826	330	150	14.6	371	
6XAAISOS18-12PR	12	0.030	0.76	0.837	21.26	1.077	27.43	1.177	29.97	885	1317	495	225	16.5	419	

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
			6XAAOS18-1TR	1	0.030	0.76	0.282	7.16	0.522	13.21	0.622	15.75	254	378	62	28
6XAAISOS18-2TR	2	0.030	0.76	0.450	11.43	0.690	17.53	0.823	20.90	390	581	124	56	11.5	293	

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.



020-R7 Made In Canada

CUSTOM ORDER OPTIONS

