



Tinned Copper
300V

ElectroControl®



18 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
	3XAAOS18-1PR	1	0.015	0.38	0.255	6.48	0.495	12.95	0.595	15.49	145	216	41	19	8.3	212
	3XAAISOS18-2PR	2	0.015	0.38	0.415	10.54	0.655	16.76	0.755	19.30	228	340	83	37	10.6	268
	3XAAISOS18-4PR	4	0.015	0.38	0.510	12.95	0.750	19.05	0.850	21.59	301	448	165	75	11.9	302
	3XAAISOS18-6PR	6	0.015	0.38	0.630	16.00	0.870	22.10	0.970	24.64	314	468	248	112	13.6	345
	3XAAISOS18-8PR	8	0.015	0.38	0.700	17.78	0.940	23.88	1.040	26.42	427	636	330	150	14.6	370
	3XAAISOS18-12PR	12	0.015	0.38	0.870	22.10	1.110	28.19	1.210	30.73	599	892	495	225	16.9	430

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
	3XAAOS18-1TR	1	0.015	0.38	0.265	6.73	0.505	12.70	0.605	15.24	161	240	62	28	8.5	215
	3XAAISOS18-2TR	2	0.015	0.38	0.490	12.45	0.730	18.54	0.830	21.08	258	384	124	56	11.6	295
	3XAAISOS18-4TR	4	0.015	0.38	0.615	15.62	0.855	21.84	0.955	24.38	357	532	248	112	13.4	340
	3XAAISOS18-6TR	6	0.015	0.38	0.785	19.94	1.025	26.16	1.125	28.70	492	732	372	169	15.8	400
	3XAAISOS18-8TR	8	0.015	0.38	0.910	23.11	1.150	29.21	1.260	32.05	452	672	495	225	17.6	448

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

