



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	0.214	5.4	0.304	7.7	0.602	15.3	137	204	26	12	8.4	214
	6XAAISOS18-2PR	2	0.030	0.76	0.434	11.0	0.554	14.1	0.852	21.6	253	377	52	23	11.9	303
	6XAAISOS18-4PR	4	0.030	0.76	0.522	13.3	0.642	16.3	0.940	23.9	325	483	104	47	13.2	334
	6XAAISOS18-6PR	6	0.030	0.76	0.610	15.5	0.730	18.5	1.060	26.9	399	593	155	70	14.8	377
	6XAAISOS18-8PR	8	0.030	0.76	0.712	18.1	0.872	22.2	1.202	30.5	516	768	207	94	16.8	428
	6XAAISOS18-12PR	12	0.030	0.76	0.858	21.8	1.018	25.9	1.368	34.8	719	1070	311	141	19.2	487

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	0.230	5.8	0.320	8.1	0.618	15.7	150	224	39	18	8.7	220
	6XAAISOS18-2TR	2	0.030	0.76	0.466	11.8	0.586	14.9	0.884	22.4	282	419	78	35	12.4	314
	6XAAISOS18-4TR	4	0.030	0.76	0.627	15.9	0.747	19.0	1.077	27.3	398	592	155	70	15.1	383
	6XAAISOS18-6TR	6	0.030	0.76	0.765	19.4	0.925	23.5	1.255	31.9	546	813	233	106	17.6	446
	6XAAISOS18-8TR	8	0.030	0.76	0.882	22.4	1.042	26.5	1.392	35.4	717	1066	311	141	19.5	495

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) (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, 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 (HL) as per CE Code Part I 2021 Section 18, when installed with approved connectors.

CUSTOM ORDER OPTIONS

