



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. 38, Thermoset-insulated wires and cables (Type RW90)
- CSA C22.2 No. 174, Cables and cable glands for use in hazardous locations (HL-ABCD)
- CSA C22.2 No. 2556 FT4, UL 1685 Vertical-Tray Flame Test
- IEEE 383 & 1202, ICEA T-30-520 (70,000 BTU/hr) Vertical Flame Test rated
- -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 (XLPE)
CSA Type XL 90°C wet, 105°C dry 600V

- Option:** Polyvinyl Chloride (PVC) insulation
- Shielding** Individual and Overall Aluminum Mylar Shield with Tinned Copper Drain Wires
- Armour** Aluminum (AIA) or Galvanized Steel (SIA) 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 use in raceways, ventilated, non-ventilated and ladder-type cable trays.
- For dry, damp or wet locations, in ceiling air-handling plenums, direct burial, exposed and concealed wiring.
- Approved for all Hazardous Locations (HL-ABCD) as per CE Code Part I 2024 Section 18, when installed with approved connectors.

CUSTOM ORDER OPTIONS

