



**16 AWG ACIC INSTRUMENTATION 600V CSA FT4-ST1 NO GROUND**

16 AWG	Part No.	Conductor Count	Inner Jacket O.D.		Armour O.D.		Cable O.D.		Cable Weight		Max Pulling Tension		Min Bend Radius	
			in	mm	in	mm	in	mm	lbs/Mft	kg/km	lbs	kg	in	mm
			6XAAUS16-2C-NH	2	0.236	6.0	0.326	8.3	0.624	15.8	147	219	41	19
6XAAUS16-3C-NH	3	0.254	6.4	0.344	8.7	0.642	16.3	164	244	62	28	9.0	228	
6XAAUS16-4C-NH	4	0.284	7.2	0.374	9.5	0.672	17.1	185	276	83	37	9.4	239	
6XAAUS16-5C-NH	5	0.319	8.1	0.409	10.4	0.707	17.9	209	311	103	47	9.9	251	
6XAAUS16-6C-NH	6	0.333	8.5	0.423	10.7	0.721	18.3	225	335	124	56	10.1	256	
6XAAUS16-7C-NH	7	0.354	9.0	0.444	11.3	0.742	18.8	244	363	145	66	10.4	264	
6XAAUS16-8C-NH	8	0.389	9.9	0.479	12.2	0.777	19.7	267	397	165	75	10.9	276	
6XAAUS16-9C-NH	9	0.407	10.3	0.497	12.6	0.795	20.2	284	423	186	84	11.1	283	
6XAAUS16-10C-NH	10	0.430	10.9	0.550	14.0	0.848	21.5	325	483	206	94	11.9	301	
6XAAUS16-12C-NH	12	0.470	11.9	0.590	15.0	0.888	22.5	362	539	248	112	12.4	316	
6XAAUS16-15C-NH	15	0.541	13.7	0.661	16.8	0.991	25.2	426	635	310	140	13.9	352	
6XAAUS16-20C-NH	20	0.629	16.0	0.749	19.0	1.079	27.4	516	768	413	187	15.1	384	
6XAAUS16-30C-NH	30	0.760	19.3	0.920	23.4	1.250	31.7	723	1075	619	281	17.5	444	
6XAAUS16-40C-NH	40	0.865	22.0	1.025	26.0	1.375	34.9	948	1411	826	375	19.3	489	
6XAAUS16-50C-NH	50	0.976	24.8	1.136	28.9	1.541	39.1	1121	1668	1032	468	21.6	548	

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)
- 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
- NFPA 130 Smoke and Flame requirements
- -40°C Cold Bend and -40°C Cold Impact
- Sunlight Resistant, Direct Burial, Low Acid Gas (AG14), Halogen-Free

**Conductor** — Stranded Soft Copper, ASTM B8

**Insulation** — Cross-linked Polyethylene (XLPE)  
CSA Type XL 105°C dry, 90°C wet 600V,  
Halogen-Free

**Armour** — Aluminum (AIA) or Galvanized Steel (SIA) Interlock Armour

**Jacket** — Thermoplastic Flame Retardant LSZH Compound Inner and Outer Jackets

**Colour Code** — White and Black with white numbering, colour options available.

### 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) as per CE Code Part I 2024 Section 18, when installed with approved connectors.