



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	8.7	222
	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 90°C dry/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.

