



16 AWG ACIC INSTRUMENTATION 600V CSA FT4-ST1

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	0.253	6.4	0.343	8.7	0.641	16.3	169	251	41	19
6XAAUS16-3C-NH	3	0.270	6.9	0.360	9.1	0.658	16.7	187	278	62	28	9.2	234	
6XAAUS16-4C-NH	4	0.301	7.6	0.391	9.9	0.689	17.5	208	310	83	37	9.6	245	
6XAAUS16-5C-NH	5	0.335	8.5	0.425	10.8	0.723	18.4	233	346	103	47	10.1	257	
6XAAUS16-6C-NH	6	0.349	8.9	0.439	11.2	0.737	18.7	249	371	124	56	10.3	262	
6XAAUS16-7C-NH	7	0.371	9.4	0.461	11.7	0.759	19.3	268	399	145	66	10.6	270	
6XAAUS16-8C-NH	8	0.406	10.3	0.496	12.6	0.794	20.2	292	434	165	75	11.1	282	
6XAAUS16-9C-NH	9	0.424	10.8	0.514	13.0	0.812	20.6	310	461	186	84	11.4	289	
6XAAUS16-10C-NH	10	0.446	11.3	0.566	14.4	0.864	21.9	353	525	206	94	12.1	307	
6XAAUS16-12C-NH	12	0.486	12.3	0.606	15.4	0.904	23.0	391	582	248	112	12.7	322	
6XAAUS16-15C-NH	15	0.553	14.1	0.673	17.1	1.003	25.5	455	677	310	140	14.0	357	
6XAAUS16-20C-NH	20	0.642	16.3	0.762	19.4	1.092	27.7	547	814	413	187	15.3	388	
6XAAUS16-30C-NH	30	0.773	19.6	0.933	23.7	1.263	32.1	760	1131	619	281	17.7	449	
6XAAUS16-40C-NH	40	0.878	22.3	1.038	26.4	1.388	35.3	991	1474	826	375	19.4	494	
6XAAUS16-50C-NH	50	0.992	25.2	1.152	29.3	1.557	39.6	1172	1744	1032	468	21.8	554	

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

Bonding

Stranded Soft Copper, ASTM B8, XLPE Insulated (Green)

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.