



## 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. 174, Cables and cable glands for use in Hazardous Locations (HL)
- CSA C22.2 No. 2556 FT4-ST1/UL 1685 Vertical-Tray Flame Test
- IEEE 383 & 1202, ICEA T-30-520 (70,000 BTU/hr) Vertical Flame Test rated
- NFPA 130 and NFPA 502, 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 Bare Soft Copper, ASTM B8

### Insulation

Cross-linked Polyethylene (XLPE)  
CSA Type XL 90°C dry/wet 600V

### Bonding

Stranded Bare Soft Copper, XLPE Insulated (Green)

### Armour

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

### Jacket

Thermoplastic Low Smoke Zero Halogen  
Inner and Outer Jackets

### Colour Code

Black with white numbering with  
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 2024 Section 18, when installed with approved connectors.