



2 Conductor CIC CONTROL 1000V CSA FT4-ST1 TC-ER

2C	Part No.	Power Conductor	Bonding Conductor	Insulation Thickness		Jacket Thickness		Cable O.D.		Cable Weight		Max Pulling Tension		Min Bend Radius		Ampacity
		AWG/kcmil	AWG	in	mm	in	mm	in	mm	lbs/Mft	kg/km	lbs	kg	in	mm	A
	1XNAUS8-2CG-NHT	8	10	0.045	1.1	0.06	1.5	0.597	15.2	250	372	303	137	5.4	136	55
	1XNAUS6-2CG-NHT	6	8	0.060	1.5	0.06	1.5	0.729	18.5	355	529	419	190	6.6	167	75
	1XNAUS4-2CG-NHT	4	8	0.060	1.5	0.08	2.0	0.881	22.4	513	763	668	303	7.9	201	95
	1XNAUS3-2CG-NHT	3	6	0.060	1.5	0.08	2.0	0.944	24.0	625	930	842	382	8.5	216	115
	1XNAUS2-2CG-NHT	2	6	0.060	1.5	0.08	2.0	1.006	25.6	727	1082	1063	482	9.1	230	130
	1XNAUS1-2CG-NHT	1	6	0.080	2.0	0.08	2.0	1.134	28.8	946	1407	1340	608	10.2	259	145
	1XNAUS1/0-2CG-NHT	1/0	6	0.080	2.0	0.08	2.0	1.208	30.7	1118	1664	1687	765	10.9	276	170
	1XNAUS2/0-2CG-NHT	2/0	6	0.080	2.0	0.08	2.0	1.286	32.7	1304	1941	2130	966	11.6	294	195
	1XNAUS3/0-2CG-NHT	3/0	4	0.080	2.0	0.08	2.0	1.370	34.8	1549	2306	2686	1218	12.3	313	225
	1XNAUS4/0-2CG-NHT	4/0	4	0.080	2.0	0.08	2.0	1.502	38.1	1864	2774	3384	1535	13.5	343	260

Ampacity values based on CE Code Part I 2024, Table 2. Correction factors may apply. Dimensions and weights are nominal and subject to change without notice.

Specifications and Compliances

- CSA C22.2 No. 239, Control and instrumentation cables (Type CIC)
- CSA C22.2 No. 38, Thermoset-insulated wires and cables (Type RW90)
- CSA C22.2 No. 230, Tray Cables Exposed Run (TC-ER)
- 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 1000V,
Halogen Free

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

Jacket Thermoplastic Low Smoke Zero Halogen

Colour Code Black & White or Black with White Numbers

Applications

- For use in raceways, ventilated, non-ventilated and ladder-type cable trays.
- For dry, damp or wet locations, in ceiling air-handling plenums and direct burial.
- For use in Hazardous locations: Zone 0 (intrinsically safe cables only), Zone 2, Zone 22 (per Section 18).
- Cables marked TC-ER tray cable are permitted for exposed runs as per CE Code Part I 12-2202 3) and 4).