



2 Conductor CIC 1000V CSA FT4 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-P4E	8	10	0.045	1.1	0.06	1.5	0.6	15.244	246	366	303	138	5.4	137	55
	1XNAUS6-2CG-P4E	6	8	0.060	1.5	0.06	1.5	0.737	18.724	367	546	419	191	6.6	168	75
	1XNAUS4-2CG-P4E	4	8	0.060	1.5	0.08	2.0	0.889	22.585	533	792	668	303	8.0	203	95
	1XNAUS3-2CG-P4E	3	6	0.060	1.5	0.08	2.0	0.948	24.081	641	953	842	383	8.5	217	115
	1XNAUS2-2CG-P4E	2	6	0.060	1.5	0.08	2.0	1.01	25.656	748	1113	1063	483	9.1	231	130
	1XNAUS1-2CG-P4E	1	6	0.080	2.0	0.08	2.0	1.144	29.045	974	1449	1340	609	10.3	262	145
	1XNAUS1/0-2CG-P4E	1/0	6	0.080	2.0	0.08	2.0	1.214	30.823	1159	1724	1687	767	10.9	278	170
	1XNAUS2/0-2CG-P4E	2/0	6	0.080	2.0	0.08	2.0	1.292	32.804	1302	1937	2130	968	11.6	295	195
	1XNAUS3/0-2CG-P4E	3/0	4	0.080	2.0	0.08	2.0	1.376	34.938	1517	2257	2686	1221	12.4	315	225
	1XNAUS4/0-2CG-P4E	4/0	4	0.080	2.0	0.08	2.0	1.508	38.291	1819	2707	3384	1538	13.6	345	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
- -40°C Cold Bend and -40°C Cold Impact
- Sunlight Resistant, SUN RES. Low Acid Gas, AG14.

Conductor Stranded Soft Copper, ASTM B8

Insulation Cross-linked Polyethylene (XLPE)
CSA Type XL 90°C dry/wet 1000V

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

Jacket Low Acid Gas (LAG) Polyvinyl Chloride (PVC)

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).

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