



3 Conductor CIC 1000V CSA FT4 TC-ER

3C	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
	1XNAUS8-3CG-P4E	8	10	0.045	1.1	0.06	1.5	0.634	16.098	317	472	454	206	5.7	145	55
	1XNAUS6-3CG-P4E	6	8	0.060	1.5	0.06	1.5	0.781	19.825	477	710	629	286	7.0	179	75
	1XNAUS4-3CG-P4E	4	8	0.060	1.5	0.08	2.0	0.941	23.899	704	1048	1001	455	8.5	215	95
	1XNAUS3-3CG-P4E	3	6	0.060	1.5	0.08	2.0	1.004	25.498	846	1260	1263	574	9.0	230	115
	1XNAUS2-3CG-P4E	2	6	0.060	1.5	0.08	2.0	1.071	27.191	1003	1493	1594	724	9.6	245	130
	1XNAUS1-3CG-P4E	1	6	0.080	2.0	0.08	2.0	1.213	30.809	1296	1929	2010	914	10.9	277	145
	1XNAUS1/0-3CG-P4E	1/0	6	0.080	2.0	0.08	2.0	1.288	32.72	1569	2335	2531	1150	11.6	294	170
	1XNAUS2/0-3CG-P4E	2/0	6	0.080	2.0	0.08	2.0	1.372	34.85	1778	2646	3195	1452	12.3	314	195
	1XNAUS3/0-3CG-P4E	3/0	4	0.080	2.0	0.08	2.0	1.462	37.144	2095	3117	4029	1831	13.2	334	225
	1XNAUS4/0-3CG-P4E	4/0	4	0.080	2.0	0.08	2.0	1.604	40.748	2539	3779	5075	2307	14.4	367	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, Red & Blue 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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