



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 Tray Cables Exposed Run
- 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

Green Insulated Stranded Bare Soft Copper, ASTM B8

Jacket

Low Acid Gas (LAG) Polyvinyl Chloride (PVC)

Colour Code

Black, Blue and Red or
 Black with White printed number

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).