



4 Conductor CIC 1000V CSA FT4 TC-ER

4C	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
	1XNAUS8-4CG-P4E	8	10	0.045	1.1	0.06	1.5	0.692	17.577	391	582	606	275	6.2	158	44
	1XNAUS4-4CG-P4E	6	8	0.06	1.5	0.08	2.0	1.031	26.177	882	1313	839	381	9.3	236	60
	1XNAUS6-4CG-P4E	4	8	0.06	1.5	0.08	2.0	0.896	22.75	626	932	1335	607	8.1	205	76
	1XNAUS3-4CG-P4E	3	6	0.06	1.5	0.08	2.0	1.101	27.955	1059	1576	1684	765	9.9	252	92
	1XNAUS2-4CG-P4E	2	6	0.06	1.5	0.08	2.0	1.175	29.852	1266	1884	2125	966	10.6	269	104
	1XNAUS1-4CG-P4E	1	6	0.08	2.0	0.08	2.0	1.333	33.867	1627	2421	2681	1218	12.0	305	116
	1XNAUS1/0-4CG-P4E	1/0	6	0.08	2.0	0.08	2.0	1.418	36.009	1988	2959	3375	1534	12.8	324	136
	1XNAUS2/0-4CG-P4E	2/0	6	0.08	2.0	0.08	2.0	1.512	38.396	2264	3370	4259	1936	13.6	346	156
	1XNAUS3/0-4CG-P4E	3/0	4	0.08	2.0	0.08	2.0	1.613	40.967	2683	3993	5372	2442	14.5	369	180
	1XNAUS4/0-4CG-P4E	4/0	4	0.08	2.0	0.11	2.8	1.832	46.532	3379	5028	6767	3076	16.5	419	208

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 & 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).