



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 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, White, Red and Blue 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).

