



4 Conductor TECK90 1000V CSA FT4

4C	Part No.	Power Conductor	Bonding Conductor	Insulation Thickness		Inner Jacket O.D.		Armour O.D.		Cable O.D.		Cable Weight		Max Pulling Tension		Min Bend Radius		Ampacity
		AWG/kcmil	AWG	in	mm	in	mm	in	mm	in	mm	lbs/Mft	kg/km	lbs	kg	in	mm	A
	T1XAAUS4-4C-AL	4	6	0.060	1.52	0.968	24.59	1.223	31.07	1.307	33.21	685	1019	801	363	18.3	465	60
	T1XAAUS2-4C-AL	2	6	0.060	1.52	1.104	28.04	1.359	34.52	1.443	36.65	854	1270	1275	579	20.2	513	80
	T1XAAUS1-4C-AL	1	4	0.080	2.03	1.290	32.76	1.545	39.24	1.645	41.78	1097	1632	1607	729	23.0	585	92
	T1XAAUS1/0-4C-AL	1/0	4	0.080	2.03	1.380	35.06	1.635	41.54	1.735	44.08	1236	1840	2029	921	24.3	617	108
	T1XAAUS2/0-4C-AL	2/0	4	0.080	2.03	1.391	35.32	1.646	41.80	1.746	44.34	1367	2033	2556	1160	24.4	621	120
	T1XAAUS3/0-4C-AL	3/0	4	0.080	2.03	1.485	37.71	1.740	44.19	1.840	46.73	1550	2306	3224	1463	25.8	654	140
	T1XAAUS4/0-4C-AL	4/0	2	0.080	2.03	1.788	45.41	2.098	53.29	2.198	55.83	1979	2945	4064	1844	30.8	782	164
	T1XAAUS250-4C-AL	250	2	0.090	2.29	1.943	49.36	2.253	57.24	2.383	60.54	2380	3542	4802	2178	33.4	848	184
	T1XAAUS350-4C-AL	350	2	0.090	2.29	2.180	55.38	2.490	63.25	2.620	66.56	2955	4397	6722	3049	36.7	932	224
	T1XAAUS500-4C-AL	500	1	0.090	2.28	2.477	62.91	2.787	72.40	2.917	75.40	3789	5637	9603	4356	40.8	1056	280
	T1XAAUS750-4C-AL	750	1/0	0.090	2.28	2.951	74.95	3.261	82.40	3.405	85.70	5351	7961	14405	6534	47.7	1200	348

Ampacity values based on CE Code Part I 2024, Table 4 and 5C. Correction factors may apply. Dimensions and weights are nominal and subject to change without notice.

Specifications and Compliances

- CSA C22.2 No. 131 (Type TECK90)
- CSA C22.2 No. 38, Thermoset-insulated wires and cables (Type RW90)
- CSA C22.2 No. 174, Cables and cable glands for use in hazardous locations (HL)
- 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 and Low Acid Gas, AG14

Conductor Stranded AA-8000 Series Aluminum Alloy (ACM)
Insulation Cross-linked Polyethylene (XLPE)
 CSA Type XL 90°C dry/wet 1000V

Bonding Stranded AA-8000 Series Aluminum Alloy (ACM)
Armour Aluminum Interlock Armour (AIA)
Jacket Low Acid Gas Polyvinyl Chloride (PVC)
 Inner and Outer Jackets
Colour Code Black, White, Red & Blue or
 Black with White Numbering

- Applications**
- For use in raceways, ventilated, non-ventilated and ladder-type cable trays.
 - For dry, damp or wet locations, in ceiling air-handling plenums, direct burial, exposed and concealed wiring.
 - Approved for all Hazardous Locations (HL) as per CE Code Part I 2024 Section 18, when installed with approved connectors.