



4 Conductor TECK90 1000V CSA FT4-ST1

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
	T1XAAUS8-4C-NH	8	10	0.045	1.14	0.540	13.7	0.660	16.8	0.974	24.7	558	830	606	275	13.6	346	44
	T1XAAUS6-4C-NH	6	8	0.060	1.52	0.696	17.7	0.816	20.7	1.130	28.7	761	1132	839	381	15.8	402	60
	T1XAAUS4-4C-NH	4	8	0.060	1.52	0.831	21.1	0.991	25.2	1.325	33.7	1137	1692	1335	606	18.6	471	76
	T1XAAUS3-4C-NH	3	6	0.060	1.52	0.897	22.8	1.057	26.8	1.446	36.7	1336	1988	1684	764	20.2	514	92
	T1XAAUS2-4C-NH	2	6	0.060	1.52	0.975	24.8	1.135	28.8	1.524	38.7	1557	2317	2125	964	21.3	542	104
	T1XAAUS1-4C-NH	1	6	0.080	2.03	1.119	28.4	1.279	32.5	1.684	42.8	1933	2877	2681	1216	23.6	599	116
	T1XAAUS1/0-4C-NH	1/0	6	0.080	2.03	1.204	30.6	1.364	34.6	1.769	44.9	2289	3406	3375	1531	24.8	629	136
	T1XAAUS2/0-4C-NH	2/0	6	0.080	2.03	1.298	33.0	1.458	37.0	1.863	47.3	2678	3985	4259	1932	26.1	662	156
	T1XAAUS3/0-4C-NH	3/0	4	0.080	2.03	1.399	35.5	1.559	39.6	1.989	50.5	3220	4792	5372	2437	27.8	707	180
	T1XAAUS4/0-4C-NH	4/0	4	0.080	2.03	1.558	39.6	1.778	45.2	2.298	58.4	4119	6129	6767	3070	32.2	817	208
	T1XAAUS250-4C-NH	250	4	0.090	2.28	1.739	44.2	1.959	49.8	2.509	63.7	4942	7355	8000	3629	35.1	892	232
	T1XAAUS350-4C-NH	350	3	0.090	2.28	2.016	51.2	2.236	56.8	2.786	70.8	6514	9694	11209	5084	39.0	991	280
	T1XAAUS500-4C-NH	500	3	0.090	2.28	2.298	58.4	2.518	64.0	3.068	77.9	8701	12948	15987	7252	43.0	1091	344
	T1XAAUS600-4C-NH	600	2	0.090	2.28	2.397	60.9	2.617	66.5	3.181	80.8	10191	15165	19209	8713	44.5	1131	380
	T1XAAUS750-4C-NH	750	2	0.090	2.28	2.843	72.2	3.123	79.3	3.687	93.6	12729	18943	24007	10890	51.6	1311	428
	T1XAAUS1000-4C-NH	1000	1	0.090	2.28	3.214	81.6	3.494	88.7	4.058	103.1	16385	24383	31982	14507	56.8	1443	492

Ampacity values based on CE Code Part I 2021, Table 2 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-ST1/UL 1685 Vertical-Tray Flame Test
- IEEE 383 & 1202, ICEA T-30-520 (70,000 BTU/hr) Vertical Flame Test rated
- NFPA 130 and NFPA 502, Smoke and Flame requirements.
- -40°C Cold Bend and -40°C Cold Impact
- Sunlight Resistant, Direct Burial, Low Acid Gas (AG14), Halogen-Free

- Conductor** Stranded Bare Soft Copper, ASTM B8
- Insulation** Cross-linked Polyethylene Insulation (XLPE) CSA Type XL 90°C dry/wet 1000V
- Bonding** Stranded Bare Soft Copper, ASTM B8
- Armour** Aluminum or Galvanized Steel Interlock Armour
- Jacket** Thermoplastic Low Smoke Zero Halogen Inner and Outer Jackets
- Colour Code** 2C Black & White, 3C Black, Red & Blue, 4C Black, Red, Blue & White, 5C - 50C 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, direct burial, exposed and concealed wiring.
- Approved for all Hazardous Locations (HL) as per CE Code Part 2024 Section 18, when installed with approved connectors.

