



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 2024, 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 TECK 90)
- 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 (XLPE) CSA Type XL 90°C dry/wet 1000V
Bonding	Stranded Bare Soft Copper, ASTM B8
Armour	Aluminum (AIA) or Galvanized Steel (SIA) 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.

