



2 Conductor TECK90 1000V CSA FT4-ST1

2C	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
	T1XAAUS14-2C-NH	14	14	0.045	1.14	0.324	8.2	0.414	10.5	0.696	17.7	200	298	68	31	9.7	247	25
	T1XAAUS12-2C-NH	12	14	0.045	1.14	0.362	9.2	0.452	11.5	0.734	18.7	229	341	104	47	10.3	261	30
	T1XAAUS10-2C-NH	10	12	0.045	1.14	0.408	10.4	0.498	12.6	0.780	19.8	279	416	166	75	10.9	277	40
	T1XAAUS8-2C-NH	8	10	0.045	1.14	0.448	11.4	0.568	14.4	0.850	21.6	382	568	303	137	11.9	302	55
	T1XAAUS6-2C-NH	6	8	0.060	1.52	0.578	14.7	0.698	17.7	1.012	25.7	517	769	419	190	14.2	360	75
	T1XAAUS4-2C-NH	4	8	0.060	1.52	0.690	17.5	0.810	20.6	1.124	28.5	664	988	668	303	15.7	400	95
	T1XAAUS3-2C-NH	3	6	0.060	1.52	0.744	18.9	0.904	23.0	1.218	30.9	820	1220	842	382	17.1	433	115
	T1XAAUS2-2C-NH	2	6	0.060	1.52	0.806	20.5	0.966	24.5	1.300	33.0	999	1487	1063	482	18.2	462	130
	T1XAAUS1-2C-NH	1	6	0.080	2.03	0.926	23.5	1.086	27.6	1.475	37.5	1199	1784	1340	608	20.7	525	145
	T1XAAUS1/0-2C-NH	1/0	6	0.080	2.03	1.000	25.4	1.160	29.5	1.549	39.3	1392	2071	1687	765	21.7	551	170
	T1XAAUS2/0-2C-NH	2/0	6	0.080	2.03	1.078	27.4	1.238	31.4	1.643	41.7	1625	2418	2130	966	23.0	584	195
	T1XAAUS3/0-2C-NH	3/0	4	0.080	2.03	1.162	29.5	1.322	33.6	1.727	43.9	1945	2895	2686	1218	24.2	614	225
	T1XAAUS4/0-2C-NH	4/0	4	0.080	2.03	1.294	32.9	1.454	36.9	1.859	47.2	2298	3420	3384	1535	26.0	661	260
	T1XAAUS250-2C-NH	250	4	0.090	2.28	1.444	36.7	1.604	40.7	2.034	51.7	2673	3979	4000	1814	28.5	723	290
	T1XAAUS350-2C-NH	350	3	0.090	2.28	1.674	42.5	1.894	48.1	2.444	62.1	3824	5690	5605	2542	34.2	869	350
	T1XAAUS500-2C-NH	500	3	0.090	2.28	1.908	48.5	2.128	54.0	2.678	68.0	4971	7398	7993	3626	37.5	952	430

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. 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.

