



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 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.

