



**2 Conductor TECK90 1000V CSA FT4**

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	14	14	0.045	1.14	0.390	9.91	0.630	16.00	0.715	18.20	227	338	66	30	10.0	254	25	
T1XAAUS12-2C	12	14	0.045	1.14	0.415	10.54	0.655	16.60	0.735	18.70	269	401	104	47	10.3	261	30	
T1XAAUS10-2C	10	12	0.045	1.14	0.435	11.05	0.675	17.10	0.760	19.30	283	421	166	75	10.6	270	40	
T1XAAUS8-2C	8	10	0.045	1.14	0.515	13.08	0.755	19.20	0.840	21.30	363	540	279	126	11.8	299	55	
T1XAAUS6-2C	6	8	0.060	1.52	0.680	17.27	0.920	23.40	1.005	25.50	470	700	468	212	14.1	357	75	
T1XAAUS4-2C	4	8	0.060	1.52	0.775	19.69	1.015	25.80	1.135	28.80	632	941	796	361	15.9	404	95	
T1XAAUS3-2C	3	6	0.060	1.52	0.910	23.11	1.150	29.20	1.235	31.40	826	1230	1082	491	17.3	439	115	
T1XAAUS2-2C	2	6	0.060	1.52	0.955	24.26	1.195	30.40	1.280	32.50	880	1310	1281	581	17.9	455	130	
T1XAAUS1-2C	1	6	0.080	2.03	1.145	29.08	1.385	35.20	1.470	37.30	1289	1919	1469	666	20.6	523	145	
T1XAAUS1/0-2C	1/0	6	0.080	2.03	1.200	30.48	1.440	36.60	1.525	38.70	1441	2145	1871	849	21.4	542	170	
T1XAAUS2/0-2C	2/0	6	0.080	2.03	1.295	32.89	1.535	39.00	1.620	41.10	1661	2472	2274	1031	22.7	576	195	
T1XAAUS3/0-2C	3/0	4	0.080	2.03	1.390	35.31	1.630	41.40	1.735	44.10	2026	3015	2809	1274	24.3	617	225	
T1XAAUS4/0-2C	4/0	4	0.080	2.03	1.475	37.47	1.715	43.60	1.820	46.20	2375	3535	3764	1707	25.5	647	260	
T1XAAUS250-2C	250	4	0.090	2.28	1.605	40.77	1.845	46.90	1.950	49.50	2802	4170	4580	2077	27.3	693	290	
T1XAAUS350-2C	350	3	0.090	2.28	1.905	48.39	2.145	54.50	2.245	57.00	3790	5640	7333	3326	31.4	798	350	
T1XAAUS500-2C	500	3	0.090	2.28	2.155	54.74	2.395	60.80	2.525	64.10	5046	7510	8833	4006	35.4	898	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) cable
- 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 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** Low Acid Gas Polyvinyl Chloride (PVC) Inner and Outer Jackets

**Colour Code** Black & White 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 2024 Section 18, when installed with approved connectors.

**CUSTOM ORDER OPTIONS**

