



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 CEC Part I 2018, 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. 174, Cables and cable glands for use in hazardous locations
- CSA C22.2 No. 38, Thermoset-insulated wires and cables (Type RW90)
- CSA C22.2 No. 2556 FT4 Vertical-Tray Flame Test
- -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 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 Low Acid Gas Polyvinyl Chloride (PVC)
 Inner and Outer Jackets
Colour Code Solid Black & White or
 Black with White Numbering

Applications

- For wet and dry locations.
- To be used for exposed and concealed wiring or where subjected to the weather.
- For direct earth burial and service entrance above or below ground.
- Use in ventilated, non-ventilated and ladder-type cable trays.
- Approved for all hazardous locations as per CEC Part 2018 Section 18, when installed with approved connectors.