TECK 90 Copper 1000V

ElectroPower®

TECK90 | FLAME RATING | LOW TEMP | HIGH TEMP | UV RESISTANT | WET LOCATION | CHEMICAL RESISTANT | OIL RESISTANT | IMPACT RESISTANT | CABLE TRAY | EXPOSED RUN | DIRECT BURIAL | HAZARDOUS LOCATION

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. 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, 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.

RoHS COMPLIANT | REACH COMPLIANCE | intertek | Made In Canada

SCAN or CLICK

CUSTOM ORDER OPTIONS

FT4 ST1 FLAME RATING | LIMITED SMOKE | HALOGEN FREE | SIA STEEL ARMOUR

Electro cables