



## 1 Conductor TECK90 1000V CSA FT4

1C	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
		kcmil	AWG	in	mm	in	mm	in	mm	in	mm	lbs/Mft	kg/km	lbs	kg	in	mm	A
	T1XAAUS250-1C	250	2	0.090	2.29	0.940	23.9	1.180	30.0	1.269	38.0	1896	2820	2290	1039	17.8	451	250
	T1XAAUS350-1C	350	1	0.090	2.29	1.085	27.6	1.325	33.7	1.493	44.7	1945	2893	3667	1663	20.9	531	350
	T1XAAUS500-1C	500	1/0	0.090	2.29	1.150	29.2	1.390	35.3	1.566	46.9	2606	3877	4416	2003	21.9	557	430
	T1XAAUS600-1C	600	1/0	0.090	2.29	1.198	30.4	1.438	36.5	1.620	48.6	2696	4011	5288	2398	22.7	576	475
	T1XAAUS750-1C	750	2/0	0.090	2.29	1.309	33.2	1.549	39.3	1.745	52.3	2904	4320	7968	3614	24.4	621	535
	T1XAAUS1000-1C	1000	2/0	0.090	2.29	1.551	39.4	1.791	45.5	2.018	60.5	3359	4996	10617	4816	28.3	718	615
	T1XAAUS1250-1C	1250	3/0	0.110	2.79	1.905	48.4	2.145	54.5	2.417	72.4	5236	7789	12500	5670	33.8	860	665
	T1XAAUS1500-1C	1500	4/0	0.110	2.79	2.206	56.0	2.446	62.1	2.757	82.6	5972	8884	15015	6811	38.6	980	705

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** Helically applied Solid Bare Soft Copper Strands

**Armour** Aluminum (AIA) or Galvanized Steel (SIA)  
Interlock Armour

**Jacket** Low Acid Gas Polyvinyl Chloride (PVC)  
Inner and Outer Jackets

### 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.



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