



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-AL	250	1	0.090	2.28	0.890	22.61	1.130	28.70	1.210	30.70	726	1081	1717	779	16.9	430	230
	T1XAAUS300-1C-AL	300	1	0.090	2.28	0.940	23.88	1.180	30.00	1.260	32.00	798	1188	1936	878	17.6	448	260
	T1XAAUS350-1C-AL	350	1/0	0.090	2.28	0.980	24.89	1.220	31.00	1.300	33.00	884	1315	2465	1118	18.2	462	280
	T1XAAUS500-1C-AL	500	2/0	0.090	2.28	1.160	29.46	1.400	35.60	1.485	37.70	1109	1650	3268	1482	20.8	528	350
	T1XAAUS750-1C-AL	750	3/0	0.090	2.28	1.400	35.56	1.640	41.70	1.740	44.20	1512	2250	5189	2354	24.4	619	435
	T1XAAUS1000-1C-AL	1000	3/0	0.090	2.28	1.530	38.86	1.770	45.00	1.865	47.40	1859	2767	6869	3116	26.1	663	500

Ampacity values based on CE Code Part I 2024, Table 4. 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, 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

Bonding

Helically Applied Solid Bare AA-8000 Series Aluminum Alloy (ACM) Strands

Armour

Aluminum Interlock Armour (AIA)

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 I 2024 Section 18, when installed with approved connectors.

Conductor

Stranded AA-8000 Series Aluminum Alloy (ACM)

Insulation

Cross-linked Polyethylene (XLPE)
CSA Type XL 90°C dry/wet 1000V

CUSTOM ORDER OPTIONS

