



1 Conductor TECK90 1000V CSA FT4-ST1

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
	T1XAAUS1/0-1C-NH	1/0	4	0.090	2.29	0.636	16.1	0.726	18.4	1.040	26.4	764	1137	844	383	14.6	370	170
	T1XAAUS2/0-1C-NH	2/0	4	0.090	2.29	0.674	17.1	0.764	19.4	1.078	27.4	861	1282	1065	483	15.1	383	195
	T1XAAUS3/0-1C-NH	3/0	3	0.090	2.29	0.716	18.2	0.806	20.5	1.120	28.4	1043	1552	1343	609	15.7	398	225
	T1XAAUS4/0-1C-NH	4/0	3	0.090	2.29	0.781	19.8	0.871	22.1	1.185	30.1	1207	1797	1692	767	16.6	421	260
	T1XAAUS250-1C-NH	250	2	0.090	2.29	0.855	21.7	0.975	24.8	1.309	33.3	1516	2256	2000	907	18.3	466	250
	T1XAAUS300-1C-NH	300	2	0.090	2.29	0.909	23.1	1.029	26.1	1.363	34.6	1705	2537	2398	1088	19.1	485	350
	T1XAAUS350-1C-NH	350	1	0.110	2.79	1.007	25.6	1.127	28.6	1.516	38.5	1978	2944	2802	1271	21.2	539	430
	T1XAAUS500-1C-NH	500	1/0	0.090	2.29	1.123	28.5	1.243	31.6	1.648	41.9	2613	3888	3997	1813	23.1	586	475
	T1XAAUS600-1C-NH	600	1/0	0.110	2.79	1.164	29.6	1.284	32.6	1.689	42.9	2960	4406	4802	2178	23.6	600	535
	T1XAAUS750-1C-NH	750	2/0	0.110	2.79	1.347	34.2	1.467	37.3	1.872	47.5	3673	5466	6002	2722	26.2	666	615
	T1XAAUS1000-1C-NH	1000	2/0	0.110	2.79	1.499	38.1	1.619	41.1	2.049	52.1	4544	6763	7995	3627	28.7	729	665

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 TECK 90)
- 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-ST1/UL 1685 Vertical-Tray Flame Test
- IEEE 383 & 1202, ICEA T-30-520 (70,000 BTU/hr) Vertical Flame Test rated
- NFPA 130 and NFPA 502, Smoke and Flame requirements.
- -40°C Cold Bend and -40°C Cold Impact
- Sunlight Resistant, Direct Burial, Low Acid Gas(AG14, Halogen-Free)

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	Thermoplastic Low Smoke Zero Halogen Inner and Outer Jackets
Colour Code	2C Black & White, 3C Black, Red & Blue, 4C Black, Red, Blue & White, 5C - 50C Black with White Numbers

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.