



4 Conductor TECK90 1000V CSA FT4

4C	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
T1XAAUS8-4C	8	10	0.045	1.14	0.670	17.02	0.910	23.10	0.995	25.30	571	850	558	253	13.9	354	44	
T1XAAUS6-4C	6	8	0.060	1.52	0.920	23.37	1.160	29.50	1.245	31.60	812	1208	936	424	17.4	443	60	
T1XAAUS4-4C	4	8	0.060	1.52	1.085	27.56	1.325	33.70	1.410	35.80	1209	1800	1591	722	19.7	501	76	
T1XAAUS3-4C	3	6	0.060	1.52	1.115	28.32	1.355	34.40	1.440	36.60	1291	1921	2163	981	20.2	512	92	
T1XAAUS2-4C	2	6	0.060	1.52	1.160	29.46	1.400	35.60	1.490	37.80	1561	2323	2563	1162	20.9	530	104	
T1XAAUS1-4C	1	6	0.080	2.03	1.325	33.66	1.565	39.80	1.650	41.90	1841	2740	2938	1333	23.1	587	116	
T1XAAUS1/0-4C	1/0	6	0.080	2.03	1.380	35.05	1.620	41.10	1.705	43.30	2194	3265	3743	1698	23.9	606	136	
T1XAAUS2/0-4C	2/0	6	0.080	2.03	1.415	35.94	1.655	42.00	1.755	44.60	2422	3605	4548	2063	24.6	624	156	
T1XAAUS3/0-4C	3/0	4	0.080	2.03	1.530	38.86	1.770	45.00	1.880	47.80	2778	4134	5618	2548	26.3	669	180	
T1XAAUS4/0-4C	4/0	4	0.080	2.03	1.750	44.45	1.990	50.50	2.085	53.00	3595	5350	7527	3414	29.2	741	208	
T1XAAUS250-4C	250	4	0.090	2.28	1.980	50.29	2.220	56.40	2.320	58.90	4508	6710	9159	4155	32.5	825	232	
T1XAAUS350-4C	350	3	0.090	2.28	2.295	58.30	2.405	61.09	2.535	64.40	6380	9495	11209	5084	35.5	902	280	
T1XAAUS500-4C	500	3	0.090	2.28	2.614	66.40	2.724	69.19	2.854	72.49	8606	12807	15987	7252	40.0	1015	344	
T1XAAUS600-4C	600	2	0.090	2.28	2.865	72.78	2.975	75.58	3.105	78.88	10312	15345	19209	8713	43.5	1104	380	
T1XAAUS750-4C	750	2	0.090	2.28	3.119	79.23	3.229	82.02	3.373	85.68	12560	18691	24007	10890	47.2	1200	428	
T1XAAUS1000-4C	1000	1	0.090	2.28	3.490	88.65	3.600	91.44	3.744	95.10	16245	24175	31982	14507	52.4	1331	492	

Ampacity values based on CE Code Part I 2024, Table 2 and 5C. 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

Conductor Stranded 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, Red, Blue & White or 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 I 2024 Section 18, when installed with approved connectors.

CUSTOM ORDER OPTIONS

