



3 Conductor TECK90 1000V CSA FT4

3C	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
	T1XAAUS8-3C	8	10	0.045	1.14	0.585	14.86	0.825	21.00	0.930	23.60	423	629	418	190	13.0	331	55
	T1XAAUS6-3C	6	8	0.060	1.52	0.735	18.67	0.975	24.80	1.060	26.90	606	902	702	318	14.8	377	75
	T1XAAUS4-3C	4	8	0.060	1.52	0.895	22.73	1.135	28.80	1.220	31.00	935	1391	1193	541	17.1	434	95
	T1XAAUS3-3C	3	6	0.060	1.52	0.940	23.88	1.180	30.00	1.265	32.10	1148	1708	1622	736	17.7	450	115
	T1XAAUS2-3C	2	6	0.060	1.52	1.030	26.16	1.270	32.30	1.355	34.40	1234	1837	1922	872	19.0	482	130
	T1XAAUS1-3C	1	6	0.080	2.03	1.090	27.69	1.330	33.80	1.415	35.90	1428	2125	2203	999	19.8	503	145
	T1XAAUS1/0-3C	1/0	6	0.080	2.03	1.230	31.24	1.470	37.30	1.555	39.50	1734	2580	2807	1273	21.8	553	170
	T1XAAUS2/0-3C	2/0	6	0.080	2.03	1.328	33.73	1.568	39.80	1.625	41.30	2047	3046	3411	1547	22.8	578	195
	T1XAAUS3/0-3C	3/0	4	0.080	2.03	1.440	36.58	1.680	42.70	1.780	45.20	2399	3570	4213	1911	24.9	633	225
	T1XAAUS4/0-3C	4/0	4	0.080	2.03	1.585	40.26	1.825	46.40	1.925	48.90	2923	4350	5645	2561	27.0	685	260
	T1XAAUS250-3C	250	4	0.090	2.28	1.730	43.94	1.970	50.00	2.130	54.10	3459	5148	6869	3116	29.8	757	290
	T1XAAUS350-3C	350	3	0.090	2.28	1.965	49.91	2.205	56.01	2.335	59.31	4746	7063	11000	4989	32.7	830	350
	T1XAAUS500-3C	500	3	0.090	2.28	2.260	57.40	2.500	63.50	2.630	66.80	6511	9691	13249	6010	36.8	935	430
	T1XAAUS600-3C	600	2	0.090	2.28	2.587	65.71	2.827	71.81	2.957	75.11	7577	11277	15863	7195	41.4	1052	475
	T1XAAUS750-3C	750	2	0.090	2.28	2.610	66.29	2.850	72.39	2.980	75.69	9089	13528	23904	10843	41.7	1060	535
	T1XAAUS1000-3C	1000	1	0.090	2.28	3.085	78.36	3.325	84.46	3.455	87.76	12515	18626	31850	14447	48.4	1229	615

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, Red & Blue 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.