



**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
	T1XAAUS4-3C-AL	4	6	0.060	1.52	0.881	22.38	1.140	28.96	1.220	30.99	633	942	751	341	17.1	434	75
	T1XAAUS2-3C-AL	2	6	0.060	1.52	1.002	25.46	1.270	32.26	1.341	34.07	764	1137	1195	542	18.8	477	100
	T1XAAUS1-3C-AL	1	4	0.080	2.03	1.168	29.66	1.400	35.56	1.507	38.27	889	1323	1506	683	21.1	536	115
	T1XAAUS1/0-3C-AL	1/0	4	0.080	2.03	1.249	31.72	1.450	36.83	1.604	40.74	1079	1606	1902	863	22.5	570	135
	T1XAAUS2/0-3C-AL	2/0	4	0.080	2.03	1.258	31.95	1.560	39.62	1.613	40.97	1228	1827	2396	1087	22.6	574	150
	T1XAAUS3/0-3C-AL	3/0	4	0.080	2.03	1.342	34.08	1.670	42.42	1.697	43.10	1058	1575	3022	1371	23.8	603	175
	T1XAAUS4/0-3C-AL	4/0	2	0.080	2.03	1.559	39.59	1.825	46.36	1.969	50.01	1218	1813	3809	1728	27.6	700	205
	T1XAAUS250-3C-AL	250	2	0.090	2.29	1.758	44.64	1.985	50.42	2.168	55.05	1935	2880	4500	2041	30.3	771	230
	T1XAAUS350-3C-AL	350	2	0.090	2.29	1.969	50.01	2.219	56.36	2.409	61.19	2307	3434	6300	2858	33.7	857	280
	T1XAAUS500-3C-AL	500	1	0.090	2.29	2.233	56.73	2.500	63.50	2.673	67.90	3159	4702	9000	4083	37.4	951	350
	T1XAAUS750-3C-AL	750	1/0	0.090	2.29	2.603	66.11	2.796	71.02	3.043	77.28	3658	5444	13500	6124	42.6	1082	435

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 cable
- 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 AA-8000 Series Aluminum Alloy (ACM)  
**Insulation** Cross-linked Polyethylene (XLPE)  
 CSA Type XL 90°C dry/wet 1000V

**Bonding** Stranded AA-8000 Series Aluminum Alloy (ACM)  
**Armour** Aluminum Interlock Armour (AIA)  
**Jacket** Low Acid Gas Polyvinyl Chloride (PVC)  
 Inner and Outer Jackets  
**Colour Code** Black, Red & White 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.

**CUSTOM ORDER OPTIONS**

