



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)
- 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 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 & 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 I 2024 Section 18, when installed with approved connectors.

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