



12 AWG TECK90 1000V CSA FT4

12 AWG	Part No.	Conductor Count	Bonding Conductor		Insulation Thickness		Inner Jacket O.D.		Armour O.D.		Cable O.D.		Cable Weight		Max Pulling Tension		Min Bend Radius		Ampacity
			AWG		in	mm	in	mm	in	mm	in	mm	lbs/Mft	kg/km	lbs	kg	in	mm	
T1XAAUS12-2C	2	14	0.045	1.1	0.366	9.3	0.456	11.6	0.738	18.7	228	339	104	47	8.9	225	30		
T1XAAUS12-3C	3	14	0.045	1.1	0.393	10.0	0.483	12.3	0.765	19.4	265	395	156	71	9.2	233	30		
T1XAAUS12-4C	4	14	0.045	1.1	0.440	11.2	0.560	14.2	0.842	21.4	331	493	208	95	10.1	257	24		
T1XAAUS12-5C	5	14	0.045	1.1	0.493	12.5	0.613	15.6	0.895	22.7	381	567	260	118	10.7	273	24		
T1XAAUS12-6C	6	14	0.045	1.1	0.515	13.1	0.635	16.1	0.917	23.3	418	623	313	142	11.0	279	24		
T1XAAUS12-7C	7	14	0.045	1.1	0.547	13.9	0.667	16.9	0.981	24.9	462	688	365	165	11.8	299	21		
T1XAAUS12-8C	8	14	0.045	1.1	0.602	15.3	0.722	18.3	1.036	26.3	510	760	417	189	12.4	316	21		
T1XAAUS12-9C	9	14	0.045	1.1	0.629	16.0	0.749	19.0	1.063	27.0	550	818	469	213	12.8	324	21		
T1XAAUS12-10C	10	14	0.045	1.1	0.663	16.8	0.783	19.9	1.097	27.9	591	880	521	236	13.2	334	21		
T1XAAUS12-11C	11	14	0.045	1.1	0.694	17.6	0.814	20.7	1.128	28.7	632	940	573	260	13.5	344	21		
T1XAAUS12-12C	12	14	0.045	1.1	0.725	18.4	0.885	22.5	1.199	30.5	713	1061	625	284	14.4	365	21		
T1XAAUS12-15C	15	14	0.045	1.1	0.828	21.0	0.988	25.1	1.322	33.6	906	1348	781	354	15.9	403	21		
T1XAAUS12-20C	20	14	0.045	1.1	0.964	24.5	1.124	28.5	1.513	38.4	1120	1666	1042	473	18.2	461	21		
T1XAAUS12-25C	25	14	0.045	1.1	1.091	27.7	1.251	31.8	1.656	42.1	1350	2009	1302	591	19.9	505	18		
T1XAAUS12-30C	30	14	0.045	1.1	1.165	29.6	1.325	33.7	1.730	43.9	1534	2283	1563	709	20.8	527	18		
T1XAAUS12-40C	40	14	0.045	1.1	1.326	33.7	1.486	37.8	1.891	48.0	1908	2839	2084	945	22.7	576	18		
T1XAAUS12-50C	50	14	0.045	1.1	1.497	38.0	1.657	42.1	2.087	53.0	2267	3374	2605	1181	25.0	636	15		

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

CUSTOM ORDER OPTIONS



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