



**12 AWG TECK90 600V 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	A
T6XAAUS12-2C	2	14	0.030	0.76	0.325	8.26	0.565	14.40	0.650	16.50	212	315	104	47	9.1	231	30	
T6XAAUS12-3C	3	14	0.030	0.76	0.420	10.67	0.660	16.80	0.745	18.90	239	355	157	71	10.4	265	30	
T6XAAUS12-4C	4	14	0.030	0.76	0.445	11.30	0.685	17.40	0.770	19.60	280	417	209	95	10.8	274	24	
T6XAAUS12-5C	5	14	0.030	0.76	0.455	11.56	0.695	17.70	0.800	20.30	347	516	261	118	11.2	284	24	
T6XAAUS12-6C	6	14	0.030	0.76	0.520	13.21	0.760	19.30	0.844	21.40	443	660	313	142	11.8	300	24	
T6XAAUS12-7C	7	14	0.030	0.76	0.555	14.10	0.795	20.20	0.880	22.40	476	708	366	166	12.3	313	21	
T6XAAUS12-8C	8	14	0.030	0.76	0.625	15.88	0.865	22.00	0.950	24.10	529	788	418	190	13.3	338	21	
T6XAAUS12-9C	9	14	0.030	0.76	0.645	16.38	0.885	22.50	0.970	24.60	531	790	470	213	13.6	345	21	
T6XAAUS12-10C	10	14	0.030	0.76	0.680	17.27	0.920	23.40	1.004	25.50	566	842	522	237	14.1	357	21	
T6XAAUS12-11C	11	14	0.030	0.76	0.720	18.29	0.960	24.40	1.045	26.54	622	925	575	261	14.6	372	21	
T6XAAUS12-12C	12	14	0.030	0.76	0.750	19.05	0.990	25.10	1.074	27.28	634	944	627	284	15.0	382	21	
T6XAAUS12-15C	15	14	0.030	0.76	0.840	21.34	1.080	27.40	1.165	29.59	713	1061	783	355	16.3	414	21	
T6XAAUS12-20C	20	14	0.030	0.76	0.985	25.02	1.225	31.10	1.309	33.25	1050	1562	1045	474	18.3	465	21	
T6XAAUS12-25C	25	14	0.030	0.76	1.090	27.69	1.330	33.80	1.414	35.92	1149	1710	1306	592	19.8	503	18	
T6XAAUS12-30C	30	14	0.030	0.76	1.235	31.37	1.475	37.50	1.580	40.13	1339	1993	1567	711	22.1	562	18	
T6XAAUS12-40C	40	14	0.030	0.76	1.455	36.96	1.695	43.10	1.790	45.47	1660	2471	2089	948	25.1	637	18	
T6XAAUS12-50C	50	14	0.030	0.80	1.525	38.74	1.765	44.80	1.870	47.50	1891	2815	2611	1185	26.2	665	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 600V

**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

