



10 AWG TECK90 1000V CSA FT4

10 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
	T1XAAUS10-2C	2	10	0.045	1.1	0.412	10.5	0.502	12.7	0.784	19.9	277	413	166	75	9.4	239	40
	T1XAAUS10-3C	3	10	0.045	1.1	0.442	11.2	0.562	14.3	0.844	21.4	352	524	249	113	10.1	257	40
	T1XAAUS10-4C	4	10	0.045	1.1	0.495	12.6	0.615	15.6	0.897	22.8	413	615	332	151	10.8	273	32
	T1XAAUS10-5C	5	10	0.045	1.1	0.554	14.1	0.674	17.1	0.988	25.1	484	720	415	188	11.9	301	32
	T1XAAUS10-6C	6	10	0.045	1.1	0.579	14.7	0.699	17.8	1.013	25.7	537	799	498	226	12.2	309	32
	T1XAAUS10-7C	7	10	0.045	1.1	0.616	15.6	0.736	18.7	1.050	26.7	593	883	581	264	12.6	320	28
	T1XAAUS10-8C	8	10	0.045	1.1	0.677	17.2	0.797	20.2	1.111	28.2	658	979	664	301	13.3	339	28
	T1XAAUS10-9C	9	10	0.045	1.1	0.707	18.0	0.867	22.0	1.181	30.0	753	1121	747	339	14.2	360	28
	T1XAAUS10-10C	10	10	0.045	1.1	0.746	19.0	0.906	23.0	1.220	31.0	812	1209	830	377	14.6	372	28
	T1XAAUS10-11C	11	10	0.045	1.1	0.781	19.8	0.941	23.9	1.255	31.9	870	1294	913	414	15.1	382	28
	T1XAAUS10-12C	12	10	0.045	1.1	0.816	20.7	0.976	24.8	1.310	33.3	991	1474	996	452	15.7	399	28
	T1XAAUS10-15C	15	10	0.045	1.1	0.932	23.7	1.092	27.7	1.481	37.6	1179	1754	1245	565	17.8	451	28
	T1XAAUS10-20C	20	10	0.045	1.1	1.085	27.6	1.245	31.6	1.650	41.9	1492	2221	1660	753	19.8	503	28
	T1XAAUS10-25C	25	10	0.045	1.1	1.228	31.2	1.388	35.2	1.793	45.5	1779	2647	2075	941	21.5	546	24
	T1XAAUS10-30C	30	10	0.045	1.1	1.311	33.3	1.471	37.4	1.876	47.7	2039	3035	2490	1130	22.5	572	24

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.

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