



10 AWG TECK90 600V 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
	T6XAAUS10-2C	2	12	0.030	0.76	0.400	10.16	0.640	16.30	0.725	18.40	282	420	166	75	10.2	258	40
	T6XAAUS10-3C	3	12	0.030	0.76	0.430	10.92	0.670	17.00	0.755	19.10	292	435	249	113	10.6	268	40
	T6XAAUS10-4C	4	12	0.030	0.76	0.500	12.70	0.740	18.80	0.825	21.00	370	550	332	151	11.6	293	32
	T6XAAUS10-5C	5	12	0.030	0.76	0.555	14.10	0.795	20.20	0.880	22.40	406	605	415	188	12.3	313	32
	T6XAAUS10-6C	6	12	0.030	0.76	0.640	16.26	0.880	22.40	0.964	24.50	512	762	498	226	13.5	343	32
	T6XAAUS10-7C	7	12	0.030	0.76	0.655	16.64	0.895	22.70	0.980	24.90	533	793	581	264	13.7	348	28
	T6XAAUS10-8C	8	12	0.030	0.76	0.660	16.76	0.900	22.90	0.985	25.00	688	1024	665	301	13.8	350	28
	T6XAAUS10-9C	9	12	0.030	0.76	0.750	19.05	0.990	25.10	1.075	27.30	705	1050	748	339	15.1	382	28
	T6XAAUS10-10C	10	12	0.030	0.76	0.770	19.56	1.010	25.70	1.094	27.80	746	1110	831	377	15.3	389	28
	T6XAAUS10-11C	11	12	0.030	0.76	0.790	20.07	1.030	26.20	1.114	28.30	764	1137	914	414	15.6	396	28
	T6XAAUS10-12C	12	12	0.030	0.76	0.820	20.83	1.060	26.90	1.144	29.10	880	1310	997	452	16.0	407	28
	T6XAAUS10-15C	15	12	0.030	0.76	0.845	21.46	1.085	27.60	1.170	29.70	1049	1561	1246	565	16.4	416	28
	T6XAAUS10-20C	20	12	0.030	0.76	1.050	26.67	1.290	32.80	1.380	35.10	1312	1953	1661	754	19.3	491	28
	T6XAAUS10-25C	25	12	0.030	0.80	1.176	29.87	1.416	36.00	1.500	38.10	1518	2259	2077	942	21.0	533	24
	T6XAAUS10-30C	30	12	0.030	0.80	1.240	31.50	1.480	37.60	1.590	40.40	1758	2617	2492	1130	22.3	565	24
	T6XAAUS10-40C	40	12	0.030	0.80	1.455	36.96	1.695	43.10	1.800	45.70	2284	3399	3323	1507	25.2	640	24
	T6XAAUS10-50C	50	12	0.030	0.80	1.610	40.89	1.850	47.00	1.955	49.70	2698	4015	4153	1884	27.4	695	20

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) cable
- 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 Bare 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 Black, White, 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 2024 Section 18, when installed with approved connectors.