TECK 90 Copper FT4-ST1 600V

ElectroPower®

TECK90 | FLAME RATING | LIMITED SMOKE | HALOGEN FREE | LOW TEMP | HIGH TEMP | UV RESISTANT | WET LOCATION | CHEMICAL RESISTANT | OIL RESISTANT | IMPACT RESISTANT | EXPOSED RUN | DIRECT BURIAL | HAZARDOUS LOCATION

10 AWG TECK90 600V CSA FT4-ST1

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-NH	2	12	0.030	0.76	0.348	8.8	0.438	11.1	0.720	18.3	253	376	166	75	10.1	256	40
T6XAAUS10-3C-NH	3	12	0.030	0.76	0.374	9.5	0.464	11.8	0.746	19.0	301	448	249	113	10.4	265	40
T6XAAUS10-4C-NH	4	12	0.030	0.76	0.419	10.7	0.509	12.9	0.791	20.1	354	527	332	151	11.1	281	32
T6XAAUS10-5C-NH	5	12	0.030	0.76	0.470	11.9	0.590	15.0	0.872	22.1	437	651	415	188	12.2	310	32
T6XAAUS10-6C-NH	6	12	0.030	0.76	0.491	12.5	0.611	15.5	0.893	22.7	485	721	498	226	12.5	317	32
T6XAAUS10-7C-NH	7	12	0.030	0.76	0.522	13.3	0.642	16.3	0.924	23.5	536	797	581	264	12.9	329	28
T6XAAUS10-8C-NH	8	12	0.030	0.76	0.574	14.6	0.694	17.6	1.008	25.6	597	888	664	301	14.1	359	28
T6XAAUS10-9C-NH	9	12	0.030	0.76	0.600	15.2	0.720	18.3	1.034	26.3	646	962	747	339	14.5	368	28
T6XAAUS10-10C-NH	10	12	0.030	0.76	0.633	16.1	0.753	19.1	1.067	27.1	698	1039	830	377	14.9	380	28
T6XAAUS10-11C-NH	11	12	0.030	0.76	0.663	16.8	0.783	19.9	1.097	27.9	748	1114	913	414	15.4	390	28
T6XAAUS10-12C-NH	12	12	0.030	0.76	0.693	17.6	0.813	20.6	1.127	28.6	799	1189	996	452	15.8	401	28
T6XAAUS10-15C-NH	15	12	0.030	0.76	0.792	20.1	0.952	24.2	1.286	32.7	1062	1580	1245	565	18.0	457	28
T6XAAUS10-20C-NH	20	12	0.030	0.76	0.922	23.4	1.082	27.5	1.471	37.4	1326	1974	1660	753	20.6	523	28
T6XAAUS10-25C-NH	25	12	0.030	0.76	1.048	26.6	1.208	30.7	1.613	41.0	1612	2399	2075	941	22.6	573	24
T6XAAUS10-30C-NH	30	12	0.030	0.76	1.119	28.4	1.279	32.5	1.684	42.8	1847	2749	2490	1130	23.6	599	24
T6XAAUS10-40C-NH	40	12	0.030	0.76	1.274	32.4	1.434	36.4	1.839	46.7	2323	3458	3320	1506	25.7	654	24
T6XAAUS10-50C-NH	50	12	0.030	0.76	1.437	36.5	1.597	40.6	2.027	51.5	2786	4147	4150	1883	28.4	721	20

Ampacity values based on CE Code Part I 2024, Table 2 and 5C. Correction factors may apply. Dimensions and weights are nominal and subject to change without notice.

Specifications and Compliances

- CSA C22.2 No. 131 (Type TECK 90)
- 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-ST1/UL 1685 Vertical-Tray Flame Test
- IEEE 383 & 1202, ICEA T-30-520 (70,000 BTU/hr) Vertical Flame Test rated
- NFPA 130 and NFPA 502, Smoke and Flame requirements.
- -40°C Cold Bend and -40°C Cold Impact
- Sunlight Resistant, Direct Burial, Low Acid Gas (AG14) Halogen-Free

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	Thermoplastic Low Smoke Zero Halogen 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 2024 Section 18, when installed with approved connectors.

RoHS COMPLIANT | REACH COMPLIANCE | intertek | NFPA

Made In Canada

SCAN or CLICK

Electro cables