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

14 AWG TECK90 600V CSA FT4-ST1

14 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
T6XAAUS14-2C-NH	2	14	0.030	0.76	0.264	6.7	0.354	9.0	0.636	16.2	176	261	66	30	8.9	226	25
T6XAAUS14-3C-NH	3	14	0.030	0.76	0.284	7.2	0.374	9.5	0.656	16.7	200	297	99	45	9.2	233	25
T6XAAUS14-4C-NH	4	14	0.030	0.76	0.318	8.1	0.408	10.4	0.690	17.5	228	339	131	60	9.7	245	20
T6XAAUS14-5C-NH	5	14	0.030	0.76	0.356	9.1	0.446	11.3	0.728	18.5	259	385	164	75	10.2	259	20
T6XAAUS14-6C-NH	6	14	0.030	0.76	0.372	9.5	0.462	11.7	0.744	18.9	282	420	197	89	10.4	265	20
T6XAAUS14-7C-NH	7	14	0.030	0.76	0.396	10.1	0.486	12.3	0.768	19.5	307	457	230	104	10.8	273	17
T6XAAUS14-8C-NH	8	14	0.030	0.76	0.436	11.1	0.556	14.1	0.838	21.3	360	536	263	119	11.7	298	17
T6XAAUS14-9C-NH	9	14	0.030	0.76	0.455	11.6	0.575	14.6	0.857	21.8	385	573	296	134	12.0	305	17
T6XAAUS14-10C-NH	10	14	0.030	0.76	0.480	12.2	0.600	15.3	0.882	22.4	412	613	329	149	12.4	314	17
T6XAAUS14-11C-NH	11	14	0.030	0.76	0.503	12.8	0.623	15.8	0.905	23.0	437	651	362	164	12.7	322	17
T6XAAUS14-12C-NH	12	14	0.030	0.76	0.525	13.3	0.645	16.4	0.927	23.6	463	689	394	179	13.0	330	17
T6XAAUS14-15C-NH	15	14	0.030	0.76	0.601	15.3	0.721	18.3	1.035	26.3	546	812	493	224	14.5	368	17
T6XAAUS14-20C-NH	20	14	0.030	0.76	0.700	17.8	0.820	20.8	1.134	28.8	669	996	657	298	15.9	403	17
T6XAAUS14-25C-NH	25	14	0.030	0.76	0.792	20.1	0.952	24.2	1.286	32.7	899	1338	822	373	18.0	457	15
T6XAAUS14-30C-NH	30	14	0.030	0.76	0.846	21.5	1.006	25.6	1.340	34.0	1013	1508	986	447	18.8	477	15
T6XAAUS14-40C-NH	40	14	0.030	0.76	0.967	24.6	1.127	28.6	1.516	38.5	1254	1866	1315	596	21.2	539	15
T6XAAUS14-50C-NH	50	14	0.030	0.76	1.091	27.7	1.251	31.8	1.656	42.1	1516	2256	1644	745	23.2	589	12

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 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-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 Insulation (XLPE) CSA Type XL 90°C dry/wet 600V
Bonding	Stranded Bare Soft Copper, ASTM B8
Armour	Aluminum or Galvanized Steel 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