TECK 90 Copper FT4-ST1 1000V

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

3 Conductor TECK90 1000V CSA FT4-ST1

3C

Part No.	Power Conductor	Bonding Conductor	Insulation Thickness		Inner Jacket O.D.		Armour O.D.		Cable O.D.		Cable Weight		Max Pulling Tension		Min Bend Radius		Ampacity
	AWG/kcmil	AWG	in	mm	in	mm	in	mm	in	mm	lbs/Mft	kg/km	lbs	kg	in	mm	A
T1XAAUS8-3C-NH	8	10	0.045	1.14	0.482	12.2	0.602	15.3	0.884	22.4	464	691	454	206	12.4	314	55
T1XAAUS6-3C-NH	6	8	0.060	1.52	0.621	15.8	0.741	18.8	1.055	26.8	633	942	629	285	14.8	375	75
T1XAAUS4-3C-NH	4	8	0.060	1.52	0.742	18.8	0.902	22.9	1.216	30.9	882	1312	1001	454	17.0	432	95
T1XAAUS3-3C-NH	3	6	0.060	1.52	0.800	20.3	0.960	24.4	1.294	32.9	1096	1632	1263	573	18.1	460	115
T1XAAUS2-3C-NH	2	6	0.060	1.52	0.866	22.0	1.026	26.1	1.360	34.6	1264	1881	1594	723	19.0	484	130
T1XAAUS1-3C-NH	1	6	0.080	2.03	0.999	25.4	1.159	29.4	1.548	39.3	1543	2297	2010	912	21.7	550	145
T1XAAUS1/0-3C-NH	1/0	6	0.080	2.03	1.074	27.3	1.234	31.4	1.639	41.6	1840	2739	2531	1148	23.0	583	170
T1XAAUS2/0-3C-NH	2/0	6	0.080	2.03	1.158	29.4	1.318	33.5	1.723	43.8	2138	3182	3195	1449	24.1	613	195
T1XAAUS3/0-3C-NH	3/0	4	0.080	2.03	1.248	31.7	1.408	35.8	1.813	46.1	2577	3834	4029	1828	25.4	645	225
T1XAAUS4/0-3C-NH	4/0	4	0.080	2.03	1.390	35.3	1.550	39.4	1.955	49.7	3081	4585	5075	2302	27.4	695	260
T1XAAUS250-3C-NH	250	4	0.090	2.28	1.552	39.4	1.772	45.0	2.292	58.2	3863	5749	6000	2722	32.1	815	290
T1XAAUS350-3C-NH	350	3	0.090	2.28	1.799	45.7	2.019	51.3	2.569	65.2	5142	7652	8407	3813	36.0	913	350
T1XAAUS500-3C-NH	500	3	0.090	2.28	2.050	52.1	2.270	57.7	2.820	71.6	6805	10128	11990	5439	39.5	1003	430
T1XAAUS600-3C-NH	600	2	0.090	2.28	2.139	54.3	2.359	59.9	2.909	73.9	7909	11770	14407	6535	40.7	1034	475
T1XAAUS750-3C-NH	750	2	0.090	2.28	2.536	64.4	2.816	71.5	3.380	85.9	9925	14770	18005	8167	47.3	1202	535
T1XAAUS1000-3C-NH	1000	1	0.090	2.28	2.867	72.8	3.147	79.9	3.711	94.3	12716	18923	23986	10880	52.0	1320	615

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
- 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 Soft Copper, ASTM B8

Insulation Cross-linked Polyethylene (XLPE)
CSA Type XL 90°C dry/wet 1000V, Halogen-Free

Bonding Stranded Bare Soft Copper, ASTM B8

Armour Aluminum (AIA) or Galvanized Steel (SIA) Interlock Armour

Jacket Thermoplastic Flame Retardant LSZH Compound Inner and Outer Jackets

Colour Code Black, Red & Blue or 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.

RoHS COMPLIANT | REACH COMPLIANCE | intertek | NFPA | SCAN or CLICK

Made In Canada

Electro cables