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-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 1000V
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