

# TECK90 (XLPE) 2C 1000 Volts -40°C Copper



**ASTM 2 Conductors** Class B stranded soft bare copper conductor. Insulation is cross-linked polyethylene XLPE, Type RW90 with a stranded bare class B bonding conductor. Interlocking aluminum armour is applied directly over the black PVC inner jacket. Finished by a low acid, gas, flame-retardant, moisture and sunlight resistant black Polyvinyl chloride (PVC) jacket.

Specifications and Compliance Industry compliances: CSA C22.2 No. 131, Type TECK90 cable, CSA C22.2 No. 174, Cables and cable glands for use in hazardous locations, CSA C22.2 No. 38, Thermoset-insulated wires and cables (Type RW90), CSA -40°C Cold Bend and -40°C Cold Impact Sunlight Resistant, Low Acid Gas

Flame test compliances: C22.2 No. 2556 FT4 Vertical-Tray Flame Test, CSA FT4, CSA AG14

RW Item #	Conductor			Insulation (inches)	Approximate Diameters			*Ampacity at 90°C	Total Wt (lbs/km)
	No.	AWG Size	Bonding Conductor		Inner Jacket	Armour	Outer Covering		
TK14-02-1KV	2	14	14	.045	.390	.630	.715	25	708
TK12-02-1KV	2	12	14	.045	.415	.655	.735	30	892
TK10-02-1KV	2	10	12	.045	.435	.675	.760	40	971
TK08-02	2	8	10	.045	.515	.755	.840	55	1,335
TK06-02	2	6	8	.060	.680	.920	1.005	75	1,788
TK04-02	2	4	8	.060	.775	1.015	1.135	95	2,434
TK03-02	2	3	6	.060	.910	1.150	1.235	115	2,992
TK02-02	2	2	6	.060	.955	1.195	1.280	130	3,376
TK01-02	2	1	6	.080	1.145	1.385	1.470	145	4,108
TK001-02	2	1/0	6	.080	1.200	1.440	1.525	170	4,760
TK002-02	2	2/0	6	.080	1.295	1.535	1.620	195	5,496
TK003-02	2	3/0	4	.080	1.390	1.630	1.735	225	6,663
TK004-02	2	4/0	4	.080	1.475	1.715	1.820	260	7,825
TK250-02	2	250	4	.090	1.605	1.845	1.950	290	9,416
TK350-02	2	350	3	.090	1.905	2.145	2.245	350	12,589
TK500-02	2	500	3	.090	2.155	2.395	2.525	430	16,674

\*Ampacity values based on CEC Part I 2018, Table 2. Correction factors may apply

## Colour Code

- 2C - Black & white
- 1AWG and larger Black with number coding

All dimensions are nominal and are subject to normal manufacturing tolerance. Specifications are subject to change without notice.