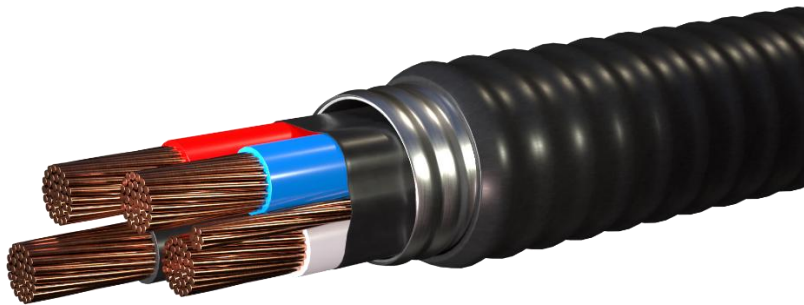


TECK90 (XLPE) 600Volts -40°C Copper



ASTM **10AWG** 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, SUN RES and Low Acid Gas, Direct Burial

Flame test compliances: C22.2 No. 2556 FT4 Vertical-Tray Flame Test, CSA FT4, CSA AG14
10awg- 2C - 50C - 600v

RW Item #	Conductor		Bonding Conductor	Insulation (inches)	Inner Jacket (inches)	Approximate Diameters			*Ampacity	Total (lbs/km)
	No.	AWG Size				Weight	Inner Jacket	Armour		
TK10-02	2	10	12	.030	.045	.44	.64	.73	40	892
TK10-03	3	10	12	.030	.045	.47	.67	.75	40	1,112
TK10-04	4	10	12	.030	.045	.54	.74	.83	32	1,256
TK10-05	5	10	12	.030	.060	.60	.80	.88	32	1,381
TK10-06	6	10	12	.030	.060	.65	.86	.95	32	1,696
TK10-07	7	10	12	.030	.060	.66	.89	.98	28	1,768
TK10-08	8	10	12	.030	.060	.70	.90	.99	28	2,024
TK10-10	10	10	12	.030	.060	.84	1.10	1.16	28	2,546
TK10-12	12	10	12	.030	.080	.89	1.14	1.20	28	2,903
TK10-15	15	10	12	.030	.080	.99	1.24	1.30	28	3,465
TK10-20	20	10	12	.030	.080	1.08	1.33	1.41	28	4,235
TK10-25	25	10	12	.030	.080	1.22	1.47	1.55	24	5,013
TK10-30	30	10	12	.030	.080	1.29	1.54	1.63	24	5,807
TK10-40	40	10	12	.030	.080	1.44	1.69	1.80	24	7,539
TK10-50	50	10	12	.030	.080	1.62	1.92	2.02	20	9,000

*Ampacity values based on CEC Part I Table 2. Correction factors may apply
 All dimensions are nominal and are subject to normal manufacturing tolerance. Specifications are subject to change without notice.

TECK90 (XLPE) 600Volts -40°C Copper

Colour Code

- Conductor: black, white
- Conductor: black, red, blue
- Conductor: black, red, blue, white
- 5 Conductor or more : black with printed number code Bonding Conductor

Features

- HL Rated
- Inner and outer jackets
- Excellent crush resistance
- TC rated
- Cost effective alternative to installations in conduit
- Meets cold bend and impact tests at (-40°C)

Application

- For wet and dry locations.
- To be used for exposed and concealed wiring or where subjected weather
- For direct burial
- Service entrance above or below ground.
- Use in ventilated, non- ventilated and ladder-type cable trays
- Approved for all hazardous locations as per CEC Part 2018 Section 18, when installed with approved connectors.