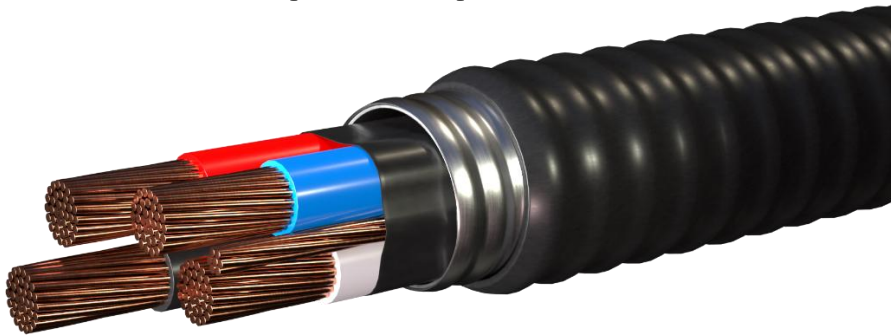


TECK90 (XLPE) 600Volts -40°C Copper



ASTM **12AWG** 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 flame-retardant, moisture and sunlight resistant black 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

12awg- 2C - 50C - 600v

RW Item #	Conductor			Insulation (inches)	Inner Jacket (inches)	Approximate Diameters			*Ampacity	Total (lbs/km)
	No.	AWG Size	Bonding Conductor			Inner Jacket	Armour	Covering		
TK12-02	2	12	14	.030	.045	.39	.57	.66	30	627
TK12-03	3	12	14	.030	.045	.42	.63	.69	30	738
TK12-04	4	12	14	.030	.045	.45	.66	.75	24	873
TK12-05	5	12	14	.030	.045	.50	.70	.79	24	1,004
TK12-06	6	12	14	.030	.060	.58	.78	.86	24	1,037
TK12-07	7	12	14	.030	.060	.58	.79	.88	21	1,109
TK12-08	8	12	14	.030	.060	.62	.83	.92	21	1,260
TK12-10	10	12	14	.030	.060	.72	.92	1.01	21	1,470
TK12-12	12	12	14	.030	.060	.78	1.05	1.10	21	1,604
TK12-15	15	12	14	.030	.060	.87	1.13	1.20	21	1,913
TK12-20	20	12	14	.030	.080	.98	1.22	1.31	21	2,513
TK12-25	25	12	14	.030	.080	1.08	1.33	1.41	18	2,795
TK12-30	30	12	14	.030	.080	1.14	1.40	1.50	18	3,266
TK12-40	40	12	14	.030	.080	1.30	1.60	1.70	18	4,015
TK12-50	50	12	14	.030	.080	1.48	1.72	1.83	13	4,817

*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
- 50 Conductor: 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.