

10AWG Teck 90 600V 90°C



APPLICATION:

Teck 90 is for use in power, control and lighting circuits at industrial and chemical plants, pulp and paper mills, steel mills, mines, power generating facilities, food processing plants and commercial centers. It is suitable for installation in wet or dry locations in troughs, trays and in direct burial applications. Teck 90 is for applications up to 600 volts and temperatures from -40°C to +90°C.

CONDUCTORS:

- Class B stranded soft drawn bare copper conductors per ASTM

INSULATION:

- Cross-Linked Polyethylene (XLP) insulation

GROUND:

- Bare stranded soft drawn grounding conductor

INNER JACKET:

- Black Polyvinyl Chloride (PVC) inner jacket

ARMOR:

- Interlocked aluminum tape armor

OUTER JACKET:

- -40°C black Polyvinyl Chloride (PVC) outer jacket, which is water, chemical, sunlight and abrasion resistant

STANDARDS:

- CSA C22.2, No. 131
- CSA C22.2, No. 174
- FT4 flame test

Part Number	Conductor Size	No. of Conductors	Ground Wire Size	Insulation Thickness	Inner Jacket Thickness	Inner Jacket Diameter	Armor Diameter	Outer Jacket Diameter	Weight
	AWG		AWG	inches	inches	inches	inches	inches	lbs/ft
10-02 TECK90	10	2	12	0.030	0.045	0.470	0.670	0.780	271
10-03 TECK90	10	3	12	0.030	0.045	0.560	0.760	0.870	338
10-04 TECK90	10	4	12	0.030	0.045	0.600	0.800	0.910	388
10-05 TECK90	10	5	12	0.030	0.060	0.630	0.830	0.940	453
10-06 TECK90	10	6	12	0.030	0.060	0.680	0.880	1.000	511
10-07 TECK90	10	7	12	0.030	0.060	0.720	0.920	1.030	562
10-08 TECK90	10	8	12	0.030	0.060	0.780	0.980	1.090	620
10-09 TECK90	10	9	12	0.030	0.060	0.800	1.020	1.140	707
10-10 TECK90	10	10	12	0.030	0.060	0.860	1.080	1.190	767
10-12 TECK90	10	12	12	0.030	0.080	0.970	1.190	1.310	917
10-15 TECK90	10	15	12	0.030	0.080	1.010	1.230	1.350	1050
10-20 TECK90	10	20	12	0.030	0.080	1.150	1.370	1.490	1302
10-25 TECK90	10	25	12	0.030	0.080	1.290	1.510	1.630	1552
10-30 TECK90	10	30	12	0.030	0.080	1.370	1.590	1.730	1813
10-40 TECK90	10	40	12	0.030	0.080	1.540	1.760	1.900	2271
10-50 TECK90	10	50	12	0.030	0.080	1.690	1.940	2.080	2864

All values are nominal and subject to correction



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