

Marked "Submersible Pump Cable" and "-40C" as required by the Canadian Standards Association (CSA) and by the Canadian Electrical Code (CEC).

Marked "Direct Burial" to indicate suitability for direct earth burial.

Marked "SR" for Sunlight Resistance with Black Jacket Colour (required for outdoor storage). Cable is sequentially Ft marked to show length remaining on reel.

TWU-40C Submersible Pump Cable CSA Jacketed Round

Applications: For use with submersible pumps installed in wells, lakes, rivers, and streams in accordance with CSA C22.1 Canadian Electrical Code Part I, section 26, rules 26-954 and 26-956.

Conductors : 14 AWG to 6 AWG bare copper.

Insulation: Polyvinyl chloride (PVC)

Voltage Rating : 600V

Temperature Rating : -40°C* to 60°C

Flame Rating :

Standards : CSA C22.2 No. 75

Gauge AWG (Strands)	Circuit Conductor Count	Bonding AWG (Strands)	Nominal Insulation Thickness		Nominal Jacket Thickness		Nominal Cable Diameter		30C Ambient Ampacity
			mm	in.	mm	in.	mm	in.	
14 (7)	2	14 (7)	1.52	0.060	0.76	0.030	12.52	0.493	15
14 (7)	3	14 (7)	1.52	0.060	0.76	0.030	13.82	0.544	15
12 (7)	2	12 (7)	1.52	0.060	0.76	0.030	13.61	0.536	20
12 (7)	3	12 (7)	1.52	0.060	0.76	0.030	15.04	0.592	20
10 (7)	2	10 (7)	1.52	0.060	0.76	0.030	14.99	0.590	30
10 (7)	3	10 (7)	1.52	0.060	0.76	0.030	16.61	0.654	30
8 (7)	2	10 (7)	2.03	0.080	1.14	0.045	18.42	0.725	40
8 (7)	3	10 (7)	2.03	0.080	1.14	0.045	20.75	0.817	40
6 (7)	2	8 (7)	2.03	0.080	1.14	0.045	22.12	0.871	55
6 (7)	3	8 (7)	2.03	0.080	1.14	0.045	24.79	0.976	55

* The -40°C low temperature rating indicates that the cables have passed a cold impact test under carefully controlled laboratory conditions. These conditions may or may not reflect actual field conditions. It is therefore recommended that all cables be warmed to at least -10°C before installation.

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