

TWU Pump Cable CSA

Applications : For use with submersible pumps installed in water wells in accordance with CSA C22.1 Canadian Electrical Code Part I.

Conductors : 14 AWG to 4 AWG bare copper.

Insulation: Polyvinyl chloride (PVC)

Voltage Rating : 600V

Temperature Rating : -40°C* to 60°C

Flame Rating : FT1

Standards : CSA C22.2 No. 75

Gauge AWG (Strands)	Circuit Conductor Count	Bonding AWG (Strands)	Nominal Insulation Thickness		Nominal Cable Diameter		Nominal Cable Weight		30C Ambient Ampacity
			mm	in.	mm	in.	kg/km	lbs/mft	
14 (1)	2	14 (1)	1.52	0.060	10.24	0.403	119	80	15
14 (1)	3	14 (1)	1.52	0.060	11.46	0.451	159	107	15
12 (1)	2	12 (1)	1.52	0.060	11.23	0.442	162	109	20
12 (1)	3	12 (1)	1.52	0.060	12.57	0.495	216	145	20
10 (1)	2	10 (1)	1.52	0.060	12.37	0.487	226	152	30
10 (1)	3	10 (1)	1.52	0.060	13.87	0.546	301	202	30
14 (7)	2	14 (7)	1.52	0.060	10.72	0.422	126	85	15
14 (7)	3	14 (7)	1.52	0.060	12.01	0.473	169	114	15
12 (7)	2	12 (7)	1.52	0.060	11.81	0.465	169	114	20
12 (7)	3	12 (7)	1.52	0.060	13.23	0.521	227	153	20
10 (7)	2	10 (7)	1.52	0.060	13.13	0.517	238	160	30
10 (7)	3	10 (7)	1.52	0.060	14.71	0.579	318	214	30
8 (7)	2	10 (7)	2.03	0.080	15.70	0.618	335	225	40
8 (7)	3	10 (7)	2.03	0.080	17.96	0.707	463	311	40
6 (7)	2	8 (7)	2.03	0.080	18.34	0.722	497	334	55
6 (7)	3	8 (7)	2.03	0.080	20.78	0.818	683	459	55
4 (7)	3	8 (7)	2.03	0.080	22.99	0.905	929	624	70

* 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.