

## TWU-40C Single Conductor 60C, 600V

*Applications* : For exposed wiring in wet locations or when exposed to the weather. For use in raceways except cable trays in wet locations. For service entrance below ground, suitable for direct burial in accordance with C22.1 Canadian Electrical Code, Part I.

*Conductors* : 14 AWG to 2 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	Strand Count	Nominal Insulation Thickness		Nominal Diameter		Nominal Cable Weight		Ampacity 30°C Ambient	
		mm	in.	mm	in.	kgs/km	lbs/mft	Free Air	Conduit **
14	1	1.52	0.060	4.75	0.187	40	27	25	20
12	1	1.52	0.060	5.21	0.205	53	36	30	25
10	1	1.52	0.060	5.74	0.226	75	50	40	30
14	7	1.52	0.060	4.98	0.196	41	28	25	20
12	7	1.52	0.060	5.49	0.216	57	38	30	25
10	7	1.52	0.060	6.02	0.237	77	52	40	30
8	7	2.03	0.080	7.90	0.311	128	86	60	40
6	7	2.03	0.080	8.84	0.348	182	122	80	55
4	7	2.03	0.080	10.06	0.396	265	178	105	70
3	7	2.03	0.080	10.82	0.426	323	217	120	85
2	7	2.03	0.080	11.63	0.458	395	265	140	95

\* The -40°C low temperature rating indicates that the cables have passed a cold bend 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.

\*\* For not more than 3 conductors in cable or raceway. For more than 3 conductors the maximum current rating is subject to the derating factors in CEC Part 1, Table 5C

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