

TW75 Single Conductor 75C, 600V

Applications : For exposed wiring in wet locations or when exposed to the weather. For use in raceways except cable trays in wet locations, in accordance with C22.1 Canadian Electrical Code, Part I.

Conductors : 14 AWG to 2 AWG bare copper.

Insulation : Polyvinylchloride (PVC).

Voltage Rating : 600V

Temperature Rating : -25°C* to 75°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	0.76	0.030	3.20	0.126	27	18	25	20
12	1	0.76	0.030	3.63	0.143	39	26	30	25
10	1	0.76	0.030	4.19	0.165	59	40	40	30
14	7	0.76	0.030	3.43	0.135	28	19	25	20
12	7	0.76	0.030	3.94	0.155	42	28	30	25
10	7	0.76	0.030	4.55	0.179	62	42	40	30
8	7	1.14	0.045	6.10	0.240	101	68	60	40
6	7	1.52	0.060	7.85	0.309	166	112	80	55
4	7	1.52	0.060	9.07	0.357	245	165	105	70
3	7	1.52	0.060	9.78	0.385	301	202	120	85
2	7	1.52	0.060	10.62	0.418	371	249	140	95

* The -25°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.