

T90 600V INSULATED WIRE

Description Single copper conductor with thin wall PVC insulation and nylon covering.
Rated 600 volts, and FT 1.
CSA Spec C22.2 No. 75-M1983

Temperature -10°C to +90°C dry, 75°C wet, 60°C exposed to oil

Jackets Standard colours are available.
T90 is not sunlight resistant.

Application General purpose building wire for installation as exposed or concealed wiring and in raceways (except cable troughs) in dry or damp locations.
Approved for use with ceiling fixtures



Product Code	Size	Strands	Insulation Thickness		Nylon Thickness		Approx. Diameter		Approx. Net Cable Weight		Ampacity (amps at 30°C ambient) Damp & Dry		Ampacity (amps at 30°C ambient) Wet		Where exposed to oil
			mm	in	mm	in	mm	in	kg/km	lbs/mft	Free Air	Conduit #	Free Air	Conduit #	
273000	14	1	0.38	.015	0.10	.004	2.7	.11	25	15	20	15	20	15	15
273100	12	1	0.38	.015	0.10	.004	3.1	.12	35	23	25	20	25	20	20
273200	10	1	0.51	.020	0.10	.004	3.9	.15	55	37	40	30	40	30	30
273500	14	19	0.38	.015	0.10	.004	2.9	.11	24	16	20	15	20	15	15
273600	12	19	0.38	.015	0.10	.004	3.3	.13	36	24	25	20	25	20	20
273700	10	19	0.51	.020	0.10	.004	4.2	.17	58	39	40	30	40	30	30
273800	8	19	0.76	.030	0.13	.005	5.7	.22	96	65	70	45	65	45	40
273900	6	19	0.76	.030	0.13	.005	6.7	.26	146	98	100	65	95	65	55
274000	4	19	1.02	.040	0.15	.006	8.5	.33	233	157	135	85	125	85	70
274100	3	19	1.02	.040	0.15	.006	9.2	.36	288	193	155	105	145	100	80
274200	2	19	1.02	.040	0.15	.006	10.0	.39	357	240	180	120	170	115	100
274300	1	19	1.27	.050	0.18	.007	11.3	.45	451	303	210	140	195	130	110
274400	1/0	19	1.27	.050	0.18	.007	12.3	.49	559	376	245	155	230	150	125
274500	2/0	19	1.27	.050	0.18	.007	13.4	.53	695	467	285	185***	265	175	145
274600	3/0	19	1.27	.050	0.18	.007	14.7	.58	864	581	330	210	310	200	165
274700	4/0	19	1.27	.050	0.18	.007	16.1	.64	1077	724	385	235	360	230	195
274800	250	37	1.52	.060	0.20	.008	17.9	.71	1279	860	425	265	405	255	215
274900	300	37	1.52	.060	0.20	.008	19.3	.76	1521	1022	480	295	445	285	240
275000	350	37	1.52	.060	0.20	.008	20.5	.81	1763	1185	530	325	505	310	260
275100	400	37	1.52	.060	0.20	.008	21.7	.85	2002	1345	575	345	545	335	280
275200	500	37	1.52	.060	0.20	.008	23.8	.94	2482	1668	660	395	620	380	320

ewc05_cu_scond_03