

CONSTRUCTION CHARACTERISTICS TABLE - CANADEx[®] NMD90 Copper

Size AWG	Number of Conductors	Bonding Wire Size AWG (Copper)	Insulation Thickness		Nylon Thickness		Jacket Thickness		Approximate Overall Dimensions		Approximate Net Cable Weight		Ampacity* 30°C Ambient
			mm	in	mm	in	mm	in	mm	in	kg/km	lbs/kft	A
14 (1)	2	14 (1)	0.76	0.030	0.10	0.004	0.76	0.030	4.9 x 9.9	0.19 x 0.39	99	67	15
12 (1)	2	14 (1)	0.76	0.030	0.10	0.004	0.76	0.030	5.3 x 10.7	0.21 x 0.42	127	85	20
10 (1)	2	12 (1)	0.76	0.030	0.10	0.004	0.76	0.030	5.9 x 12.2	0.23 x 0.48	181	122	30
8 (7)	2	10 (1)	0.89	0.035	0.12	0.005	1.14	0.045	7.7 x 15.9	0.3 x 0.63	299	201	40
6 (7)	2	8 (7)	1.14	0.045	0.15	0.006	1.14	0.045	9.0 x 19.5	0.35 x 0.77	453	304	55
4 (7)	2	8 (7)	1.14	0.045	0.15	0.006	1.52	0.060	19.0	0.75	638	429	70
3 (7)	2	6 (7)	1.14	0.045	0.15	0.006	2.03	0.080	21.3	0.84	839	564	85
2 (7)	2	6 (7)	1.14	0.045	0.15	0.006	2.03	0.080	22.8	0.90	986	663	95
Diameter													
14 (1)	3	14 (1)	0.76	0.030	0.10	0.004	0.76	0.030	8.8	0.35	126	85	15
12 (1)	3	14 (1)	0.76	0.030	0.10	0.004	0.76	0.030	9.7	0.38	166	112	20
10 (1)	3	12 (1)	0.76	0.030	0.10	0.004	0.76	0.030	10.9	0.43	239	161	30
8 (7)	3	10 (1)	0.89	0.035	0.12	0.005	1.14	0.045	14.1	0.56	391	263	40
6 (7)	3	8 (7)	1.14	0.045	0.15	0.006	1.14	0.045	17.2	0.68	601	404	55
4 (7)	3	8 (7)	1.14	0.045	0.15	0.006	1.52	0.060	20.3	0.80	876	589	70
3 (7)	3	6 (7)	1.14	0.045	0.15	0.006	2.03	0.080	22.8	0.90	1136	763	85
2 (7)	3	6 (7)	1.14	0.045	0.15	0.006	2.03	0.080	24.4	0.96	1355	911	95

Notes:

*Ampacity in accordance with Table 2 (60C column) of the Canadian Electrical Code.