

NMD90 Cable

- Copper cable 300volts
- PVC + Nylon/PVC or XLPE/PVC

Overview

Our NMD90 cables are designed for both exposed installations in dry conditions and concealed work in dry or damp environments.

Built with high-quality copper conductors and durable insulation, these cables deliver dependable performance for residential and light commercial applications.

Key Features

- Conductor Material: High-grade copper for reliable conductivity.
- Voltage Rating: Supports up to 300 volts.
- Temperature Range:
 - Maximum operating temperature: 90°C.
 - Minimum recommended installation temperature:
 - -25°C for two-conductor cables.
 - -10°C for three-conductor cables (requires proper handling).
- Storage: Keep above 0°C for 24 hours before installation.
- Insulation: Heat-resistant PVC/Nylon insulation with a tough PVC jacket.

NMD90 cables feature:

- Two or three conductors, each insulated with PVC and covered by a nylon jacket.
- An overall protective PVC jacket for durability.
- Bare grounding conductor included for safety.

Performance Standards

- CSA C22.2 No. 48



Cable size (AWG)	Number of conductors	Ground wire (AWG)	Insulation Thickness		Jacket thickness		Approximate Diameter		Approximate Net Weight	
			mm	In	mm	In.	mm	in	Kg/km	Lb/1000ft
2 Conductor										
14	2	14	0.81	0.032	0.84	0.033	4.84 x 9.82	0.19 x 0.39	99	66
12	2	14	0.81	0.032	0.84	0.033	5.3 x 10.6	0.21 x 0.42	125	84
10	2	12	0.81	0.032	0.84	0.033	5.82 x 12.15	0.23 x 0.48	180	121
8	2	10	1.14	0.045	0.98	0.039	8.2 x 16.82	0.32 x 0.66	312	210
6	2	8(7)	1.14	0.045	1.25	0.049	9.53 x 20.1	0.38 x 0.79	470	316
3 Conductor										
14	3	14	0.81	0.032	0.84	0.033	8.73	0.34	125	84
12	3	14	0.81	0.032	0.84	0.033	9.55	0.38	162	109
10	3	12	0.81	0.032	0.84	0.033	10.6	0.42	239	161
8	3	10	1.14	0.045	0.98	0.039	14.85	0.58	410	275
6	3	8(7)	1.21	0.048	1.25	0.049	18.2	0.72	623	418
3	3	6(7)	1.21	0.048	1.25	0.049	23.45	0.92	1178	792