Aluminum NMD90 300V
XLP Insulation



APPLICATION:
NMD90 are for open or concealed wiring in dry or damp locations where not exposed to mechanical damage. The cable is suitable for conductor temperatures not to exceed 90°C and voltages up to 300 volts.

CONDUCTORS:
- Compact soft drawn bare AA-8000 series aluminum alloy, with Class B stranding per ASTM

INSULATION:
- Abrasion, heat and moisture resistant cross-linked polyethylene insulation (XLPE), color coded in red, black, white

ASSEMBLY:
- The 3 insulated conductors are cabled together with a bare AA-8000 series compact aluminum ground

JACKET:
- PVC poly-vinyl chloride jacket, which is sunlight and moisture resistant. Temperature rating -25ºC to +90ºC

STANDARDS:
- Requirements of the Canadian Electrical Code
- ASTM standards B800, B801
- CSA 22.2 No. 48-09, C22.1
- Sunlight resistant
- FT1 Vertical Flame Test

Part Number	Phase Conductor Size	Insulation Thickness	Bare Conductor Size	Conductor Diameter	Insulation Diameter	Cable Diameter	Cable Weight	Minimum Bending Radius	Ampacity 90°C*
	AWG	mm	AWG	mm	mm	mm	lbs/km	mm	amps
8-03ALUMG-R-NMD	8	0.89	10	3.40	5.28	13.89	423	97	45
6-03ALUMG-R-NMD	6	1.14	8	4.29	6.68	16.92	620	118	55
4-03ALUMG-R-NMD	4	1.14	6	5.41	7.80	20.62	922	144	75
2-03ALUMG-R-NMD	2	1.14	6	6.81	9.19	24.18	1352	169	100

All values are nominal and subject to correction.
** Ampacities based on not more than three current carrying conductors in raceway with an ambient temperature of 30ºC per CEC Table 4*

CABLE MARKING:
PRIORITY WIRE <AWG><No. Conductors> CSA 254663 NMD90 XLPE AL 300V FT1<YEAR><SEQ meter><factory ID>

1-877-611-5122
www.PriorityWire.ca

©2026 Priority Wire & Cable
07-2026