

Aluminum NMD90 300V XLP Insulation



APPLICATION:

NMD90 are for open or concealed wiring in dry or damp locations where not exposed to mechanical damage.

CONDUCTORS:

- Compact soft drawn bare 8000 series aluminum, with Class B stranding per ASTM

INSULATION:

- Abrasion, heat and moisture resistant cross-linked polyethylene insulation (XLP)

CONSTRUCTION:

- The 3 conductors are cabled together with a bare 8000 series compact aluminum ground. Phase conductors are color coded: black, red and white

JACKET:

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

STANDARDS:

- Requirements of the Canadian Electrical Code
- ASTM standards B 800, B 801
- CSA 22.2 No. 48-09
- Sunlight resistant
- FT1

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	621	97	45
6-03ALUMG-R-NMD	6	1.14	8	4.29	6.68	16.92	909	118	55
4-03ALUMG-R-NMD	4	1.14	6	5.41	7.80	20.62	1369	144	75
2-03ALUMG-R-NMD	2	1.14	6	6.81	9.19	24.18	1995	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 30°C per CEC Table 4

