



Description

Three compact 8000 series aluminum conductors utilizing XLPE insulation for superior dielectric strength when operated up to 90°C. The three conductors and bare ground wire are stranded together under a common PVC jacket.

Specifications

CSA CSA 22.2 No. 48-M90

Ratings

FT1

For 90°C continuous use in wet or dry conditions.

Design Parameters

Conductor

- Class B compact strand 8000 series aluminum.

Insulation

- High dielectric strength crosslinked polyethylene insulation to CSA 22.2 No. 48-M90 specifications.

Bonding Conductor

- Bare 8000 series aluminum conductor.

Assembly

- Phase identified conductors (Red, Black, White) stranded with the bare bonding conductor.

Jacket

- White Sunlight and moisture resistant polyvinyl chloride (PVC) jacket.

Options

- Colored Jackets

Installations

Direct Buried

Isolated in Air

Wet Locations

Industrial

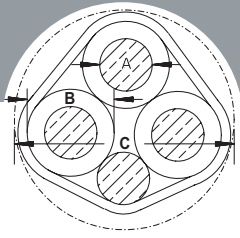
Conduit in Air

In Cable Tray

Dry Locations

Underground Duct





NMD90

600 Volt

Product Number	Conductor	Insulation Thickness (mm)	Bonding Conductor (Size AWG)	Conductor Diameter (mm)			Overall Diameter (mm)	Cable Weight (lbs/10ft)	Minimum Bending Radius (mm)	† Ampacity (Amps)
				(A)	(B)	(C)				
Type NMD-90 Three Conductor Aluminum										
204467C	8 AWG AL	0.89	10	3.40	5.28	13.89	189	97	55	
204468C	6 AWG AL	1.14	8	4.29	6.68	16.92	277	118	75	
204469C	4 AWG AL	1.14	6	5.41	7.80	20.62	417	144	95	
204470C	2 AWG AL	1.14	6	6.81	9.19	24.18	608	169	130	

Information Subject to Change without Notice.

PRODUCT NOTES: NMD90

▲ Items are Prysmian authorized stock.
The above dimensions are approximate and subject to normal manufacturing tolerances.

†Ampacities are based on the following:

Duct: Not more than three current carrying conductors in raceway, cable, or Earth (directly buried),
Based on ambient temperature of 30°C (86°F) Per NEC Table 310.16