



## 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

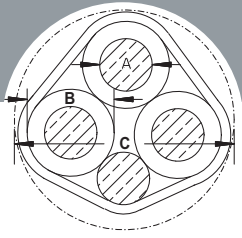
Conduit in Air

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)				
<b>Type NMD-90 Three Conductor Aluminum</b>										
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



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