

# NMD90 – COPPER CONDUCTOR

## 3 CONDUCTOR SIZES #8 AWG THRU #2 AWG

### XLPE/300 V CSA, (90°C)



**Conductor:**  
8 AWG. Thru 2 AWG. compact round concentric lay class "B" stranded copper

**Insulation:**  
Cross-linked Polyethylene (XLPE) NMD90

**Colour Coding:**  
Black, white, red

**Jacket:**  
Polyvinyl Chloride (PVC), white

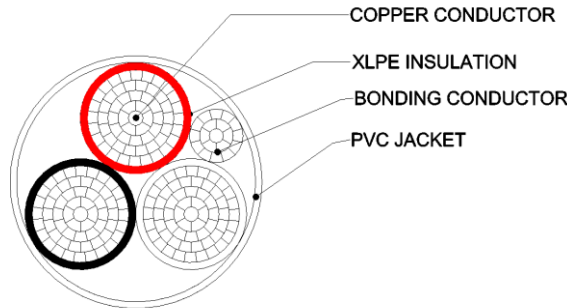
**Bonding Conductor (Ground):**  
8 AWG One (1) bare solid copper conductor  
6 AWG thru 2 AWG one (1) bare compact round concentric lay class "B" stranded copper

**Print:**  
NORTHERN CABLES™ #/C SIZE (AWG) COMPCT  
CU. NMD90 XLPE 300V FT1 CSA METRE MARK

**Applications:**  
For exposed and concealed wiring in dry or damp, locations where not exposed to mechanical injury

**Features:**  
Rated at 90°C dry  
Rated at -25°

**Compliances:**  
Industry compliances: CSA Standard C22.2 No. 48  
Flame test compliances: CSA FT1



PART NO.	NO OF COND.	COND. SIZE (AWG/kcmil)	GROUND WIRE SIZE (AWG)	MIN. AVG. INSULATION THICKNESS		NOMINAL DIAMETER (OVER)				NET WEIGHT KG/KM	AMPACITY AT 90° C
						INSULATION		JACKET			
				INCHES	mm	INCHES	mm	INCHES	mm		
801012	3	8	10	0.035	0.89	0.445	11.30	0.54	13.72	375	45
801011	3	6	8	0.045	1.14	0.570	14.48	0.656	16.66	575	65
801110	3	4	8	0.045	1.14	0.561	14.25	0.783	19.89	845	85
801013	3	3	6	0.045	1.14	0.710	18.03	0.875	22.23	1103	115
801117	3	2	6	0.045	1.14	0.778	19.76	0.943	23.95	1315	130

DIMENSIONS AND WEIGHTS ARE NOMINAL; SUBJECT TO INDUSTRY TOLERANCES

AMPACITY IS BASED ON CEC Part 1