

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

XLPE/300 V CSA, (90°C)



**Conductor:**  
8 AWG. Thru 2 AWG. aluminum  
(8000 series aluminum) compact class "B"  
strand

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

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

**Bonding Conductor (Ground):**  
Bare aluminum (8000 series aluminum) compact  
class "B" stranded conductor

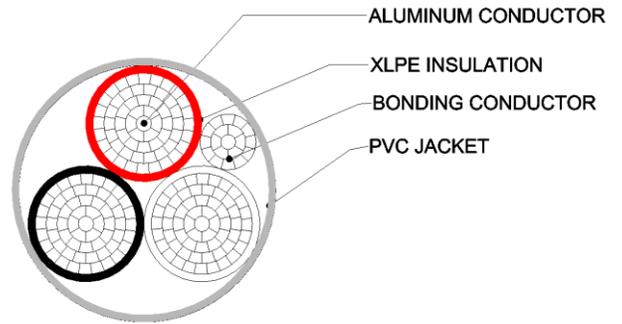
**Jacket:**  
Polyvinyl Chloride (PVC), grey

**Print:**  
NORTHERN CABLES™ #/C SIZE (AWG) COMPCT  
ACM AL. 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°C

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



PART NO.	NO OF COND.	COND. SIZE (AWG/k mil)	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		
801019	3	8	8	0.035	0.89	0.453	11.51	0.548	13.92	192	45
800963	3	6	8	0.045	1.14	0.570	14.48	0.665	16.89	272	55
800995	3	4	6	0.045	1.14	0.664	16.87	0.789	20.04	404	75
801020	3	3	6	0.045	1.14	0.710	18.03	0.875	22.23	511	85
800924	3	2	6	0.045	1.14	0.785	19.94	0.950	24.13	594	100

DIMENSIONS AND WEIGHTS ARE NOMINAL; SUBJECT TO INDUSTRY TOLERANCES

AMPACITY IS BASED ON CEC Part 1