



BUILDING WIRE SPECIFICATIONS

ROMEX® SIMpull® NMD90 ALUMINUM

- 300 VOLTS
- NON-METALLIC SHEATHED CABLE

APPLICATIONS

Southwire's Romex® SIMpull® NMD90 cables may be used for both exposed work in dry locations or concealed work in dry or damp locations. The maximum allowable conductor temperature is 90°C. The minimum recommended installation temperature is minus 25°C for three-conductor cables (with suitable handling procedures). Material should be properly stored above 0°C for 24 hours prior to installation. The maximum voltage rating for all intended applications is 300 volts. Consult the Canadian Electrical Code for further information related to applications.

CODES / STANDARDS

Southwire's Romex® SIMpull® NMD90 cables meet or exceed the requirements of:

- ASTM – Compact and Compressed aluminum conductors
- Ampacities listed are as per Table 4 in the 2012 Canadian Electrical Code Part I
- CSA C22.2 No. 48 – Non-metallic sheathed cable - LL90458
- CSA - FT1 rating

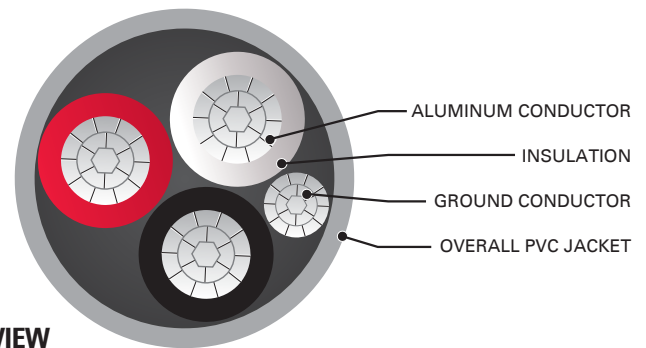
- ALUMINUM CONDUCTORS
- -25°C MIN, 90°C MAX

CONSTRUCTION

The 3 conductor colours are black, red and white with PVC jacket.

SAMPLE PRINT LEGEND

LL90458 MASTER-DESIGN {CSA} 6 AWG 8000 3 CDRS NMD90 NYLON ROMEX(R) BRAND SIMpull (TM) (-25 C) 300 VOLTS COVERED & MADE UNDER U.S. PAT. NOS 7557301 & 7411129



END VIEW

SPECIFICATIONS

Conductor		Insulation Thickness		Ground Wire		Jacket Thickness		Cable Dimensions		Approx. Weight		Allowable Ampacity (Amps) 30°C Ambient †		
Size (AWG or kcmil)	Number of Strands	inches	mm	Size (AWG or kcmil)	Number of Strands	inches	mm	inches	mm	lbs/ Mft	kg/km	60°C	75°C	90°C
6	7	0.045	1.14	8	7	0.045	1.14	0.70	18	207	308.6	40	50	55
4	7	0.045	1.14	6	7	0.080	2.03	0.85	22	337	501.3	55	65	75
2	7	0.045	1.14	6	7	0.080	2.03	0.98	25	442	657.3	75	90	100

• † Allowable ampacities are for general use as specified by the Canadian Electrical Code, 2015, Table 4.