



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

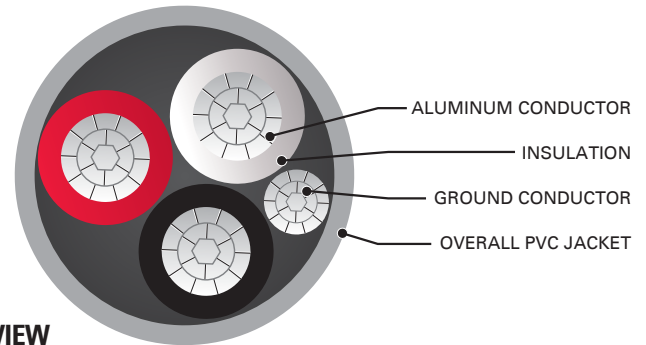
- ALUMINUM CONDUCTORS
- -25°C MIN, 90°C MAX

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.