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

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

Specifications

<table>
<thead>
<tr>
<th>Conductor Size (AWG or kcmil)</th>
<th>Number of Strands</th>
<th>Insulation Thickness (inches, mm)</th>
<th>Ground Wire Size (AWG or kcmil)</th>
<th>Number of Strands</th>
<th>Jacket Thickness (inches, mm)</th>
<th>Cable Dimensions (inches, mm, ft/lb, kg/km)</th>
<th>Approx. Weight (lbs/ft, kg/m)</th>
<th>Allowable Ampacity (Amps) 30°C Ambient</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>7</td>
<td>0.045 (1.14)</td>
<td>8</td>
<td>7</td>
<td>0.045 (1.14)</td>
<td>0.70 (18) 207 (308.6) 40 50 55</td>
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<tr>
<td>4</td>
<td>7</td>
<td>0.045 (1.14)</td>
<td>6</td>
<td>7</td>
<td>0.080 (2.03)</td>
<td>0.85 (22) 337 (501.3) 55 65 75</td>
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<td>7</td>
<td>0.045 (1.14)</td>
<td>6</td>
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<td>0.080 (2.03)</td>
<td>0.98 (25) 442 (657.3) 75 90 100</td>
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</tr>
</tbody>
</table>

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