**TYPE SE-STYLE U - ALUMINUM CONDUCTOR - 600V**

### ENGINEERING SPECIFICATIONS

**Standards**
Underwriters Laboratories® Standards UL-93, UL-854, UL-2556; Compact Stranded Aluminum Alloy 8000 Series per ASTM B800, ASTM B801, ASTM B836; Federal Specifications AA-59544; NFPA 70 (NEC®) Article 230, 338; NEMA RV-4; ARRA 2009 Section 1605 “Buy American” Compliant; RoHS Compliant; MasterSpec Division 26 Sections 260519, 260523; UL Listing #E-174428

**CONSTRUCTION**

**Conductors**
Compact Stranded Conductors, Aluminum Alloy 8000 Series per ASTM B800, ASTM B801 and ASTM B836

**Insulation**
High-dielectric strength, heat and moisture-resistant, black or colored Polyvinyl Chloride (PVC), rated for continuous use at 90°C wet or dry, meeting the requirements of UL-83 for THHN/THWN-2

**Cable Jacket**
A tough gray, sunlight and fungus-resistant PVC outer covering

**Grounding/Neutral Conductor**
Compact Stranded Conductors, Aluminum Alloy 8000 Series per ASTM B800, B801 and B836

**Assembly**
The ground/neutral is evenly distributed and helically applied over the insulated conductors to produce the equivalent size required by UL-854 (see chart below).

### APPLICATIONS
For above-ground electrical service use from the electric utility power service point to the meter or service entrance panel. This cable is manufactured in accordance with Underwriters Laboratories UL-854 and installed in accordance with Article 338 of the National Electrical Code. Type SE Style U is approved for installation in accordance with Article 230 of the NEC and has a rating of 600 volts.

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**PRINT LEGEND:**
- PVC Jacket
- Glass-Reinforced Tape Shield
- Helical Bare Ground
- Nylon Jacket
- PVC Insulation
- Compact Stranded Conductor, AA-8000 Series

<table>
<thead>
<tr>
<th>Conductor Sizes (includes Ground) (AWG or KCMIL)</th>
<th>Insulated Phase Conductors</th>
<th>Ground / Neutral</th>
<th>Approximate Overall Dimensions (in)</th>
<th>Approximate Net Weight (lbs/1000 ft)</th>
<th>Allowable Ampacity (Amps)</th>
<th>Standard Packaging (ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>8-8-8</td>
<td>8-8</td>
<td>8 Helical</td>
<td>0.378 x 0.586</td>
<td>108</td>
<td>35 40 45</td>
<td>500 1000 Reels</td>
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<tr>
<td>6-6-6</td>
<td>6-6</td>
<td>8 Helical</td>
<td>0.413 x 0.656</td>
<td>130</td>
<td>40 50 55</td>
<td>500 1000 Reels</td>
</tr>
<tr>
<td>4-4-4</td>
<td>4-4</td>
<td>6 Helical</td>
<td>0.479 x 0.788</td>
<td>195</td>
<td>55 65 75</td>
<td>500 1000 Reels</td>
</tr>
<tr>
<td>3-3-3</td>
<td>3-3</td>
<td>6 Helical</td>
<td>0.537 x 0.870</td>
<td>225</td>
<td>65 75 85</td>
<td>500 1000 Reels</td>
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<tr>
<td>2-2-2</td>
<td>2-2</td>
<td>2 Helical</td>
<td>0.597 x 0.957</td>
<td>260</td>
<td>75 90 100</td>
<td>500 1000 Reels</td>
</tr>
<tr>
<td>1-1-1</td>
<td>1-1</td>
<td>1 Helical</td>
<td>0.635 x 1.083</td>
<td>297</td>
<td>75 90 100</td>
<td>500 1000 Reels</td>
</tr>
<tr>
<td>1/0-1/0-1/0</td>
<td>1/0-1/10</td>
<td>10 Helical</td>
<td>0.688 x 1.140</td>
<td>372</td>
<td>85 100 115</td>
<td>500 1000 Reels</td>
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<tr>
<td>2/0-2/0-1</td>
<td>2/0-20/20</td>
<td>12 2/0 Helical</td>
<td>0.730 x 1.222</td>
<td>465</td>
<td>115 135 150</td>
<td>500 1000 Reels</td>
</tr>
<tr>
<td>4/0-4/0-4/0</td>
<td>4/0-40/40</td>
<td>19 4/0 Helical</td>
<td>0.880 x 1.474</td>
<td>710</td>
<td>150 180 205</td>
<td>500 1000 Reels</td>
</tr>
</tbody>
</table>

For 120/240-Volt, Single Phase Dwelling Services and Feeders see Section 310.15(B)(7) of the National Electrical Code. The above data is approximate and subject to manufacturing tolerances.

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