LOOPY DETECTOR WIRE IMSA 51-3
600 Volt Single Conductor Copper, Cross Linked Polyethylene (XLPE) insulation XHHW-2

CONSTRUCTION:
1. Conductors: 19 stranded annealed bare copper per ASTM B 3 and B8
2. Insulation: Cross Linked Polyethylene XLPE

APPLICATIONS AND FEATURES:
Southwire’s IMSA 51-3 cable meets the requirements of International Municipal Signal Association IMSA 51-3 specification. Rated for use in traffic signal, traffic control systems, underground conduit and loop detector wire. The conductors are bare annealed copper 19 strand and covered with an abrasion, sunlight and moisture resistant cross linked polyethylene insulation. These cables are capable of operating continuously at a conductor temperature between -20°C and 75°C.

• Cable is manufactured by Southwire Company in their Waukegan, IL plant USA.

SPECIFICATIONS:
• ASTM B3- Soft or annealed copper
• ASTM B8 - Concentric-lay-standard copper
• IMSA 51-3
• Insulation Color: Black
• EPA 40 CFR, Part 26, Subpart C, Heavy metals per Table 1, TCLP method

SAMPLE PRINT LEGEND:
SOUTHWIRE® YEAR SIZE 600V IMSA 51-3 CABLE SEQUENTIAL FOOT MARK.

Table 1 – Weights & Measurements for Stranded Cables

<table>
<thead>
<tr>
<th>Stock Number</th>
<th>Conductor Size (19 Strands)</th>
<th>Insulation Thickness</th>
<th>Nominal OD (2)</th>
<th>Nominal Weight</th>
<th>DC Resistance @ 25°C</th>
<th>Min Bend Radius</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>AWG</td>
<td>inches</td>
<td>mils</td>
<td>inches</td>
<td>lbs./MFT</td>
<td>Ω/MFT</td>
</tr>
<tr>
<td>581410</td>
<td>14</td>
<td>0.0735</td>
<td>30</td>
<td>0.138</td>
<td>30</td>
<td>2.73</td>
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<tr>
<td>TBA</td>
<td>12</td>
<td>0.0925</td>
<td>30</td>
<td>0.153</td>
<td>38</td>
<td>1.72</td>
</tr>
</tbody>
</table>

All dimensions are nominal and subject to normal manufacturing tolerances.