TelcoFlex®-G L5 Telecom Grounding Cable

CONSTRUCTION:
1. **Conductors**: Class B tinned copper
2. **Separator**: Mylar tape
3. **Insulation**: Green thermoset insulation, 90°C wet or dry continuous operating temperature, 130°C emergency, 250°C short circuit

APPLICATIONS AND FEATURES:
- Suitable for Grounding
- Suitable for use in conduit and underground duct
- Suitable for DC and AC
- Sunlight and oil resistant
- Maximum side wall pressure 500 Lbs./Ft.
- RoHS/REACH Compliant

SPECIFICATIONS:
- ASTM B3 Soft or annealed copper
- ASTM B8 Concentric-lay stranded copper conductors
- ASTM B33 Tin coated copper conductors
- ICEA S-95-658 NEMA WC-70
- UL 44 Thermoset Insulated Wires and Cables

SAMPLE PRINT LEGEND:
SOUTHWIRE AIW™ CORD BRAND TELCOFLEX®-G V LEAD-FREE RoHS L5 (UL) E30117 SIZE AWG 600 VOLTS XHHW-2 SUNLIGHT RESISTANT GASOLINE AND OIL RESISTANT II SUITABLE FOR GROUNDING USE (YEAR) (TIME JULIAN DATE)

NOTE: CABLE SHALL BE PRINTED ON BOTH SIDES USING INK OF CONTRASTING COLOR; SEQUENTIAL FOOTAGE MARKS SHALL BE APPLIED AT 2 FOOT INTERVALS ON ONE SIDE OF THE CABLE.

**TABLE 1 – PHYSICAL AND ELECTRICAL DATA**

<table>
<thead>
<tr>
<th>STOCK CODE</th>
<th>CONDUCTOR SIZE AWG OR KCMI</th>
<th>STRANDING CLASS B NO. OF STRANDS</th>
<th>DIAMETER OVER CONDUCTOR (A) INCHES</th>
<th>INSULATION THICKNESS MILS</th>
<th>APPROXIMATE OD (B) INCHES</th>
<th>NOMINAL WEIGHT LBS/1000 FT.</th>
<th>AMPACITY FOR 600V NEC TABLE 310.15 (B) (16)+ 75°C</th>
<th>90°C</th>
</tr>
</thead>
<tbody>
<tr>
<td>64386301</td>
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<td>0.113</td>
<td>30</td>
<td>0.173</td>
<td>29</td>
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<td>40</td>
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<tr>
<td>TBD</td>
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<td>7</td>
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<td>45</td>
<td>0.232</td>
<td>61</td>
<td>50</td>
<td>55</td>
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<td>0.432</td>
<td>290</td>
<td>130</td>
<td>145</td>
</tr>
</tbody>
</table>

* Ampacity based on 310.15 (B) (16) allowable ampacities for not more than three current carrying conductors rated up to 2000 volts based on ambient temperature of 30 °C (86 °F).

All measurements are subject to nominal manufacturing tolerances.