GenFree® II High Speed
LSZH XLPO, Low-Voltage Power
600 V, UL Type XHHW-2-LSHF or c(UL) RW90

Product Construction:
Conductor:
14 AWG thru 750 kcmil Class B stranded annealed tinned copper per ASTM B8 and B13
14 AWG thru 10 AWG solid annealed tinned copper per ASTM B33

Insulation:
Low-Smoke, Zero-Halogen flame-retardant Cross-linked Polyolefin (LSZH XLPO), black

Options:
Other stranded available
Colors available upon request

Applications:
Suitable for use in confined spaces such as…

Features:
Rated at 90°C wet or dry
Low-Smoke, Zero-Halogen insulation reduces toxic emissions under fire conditions
High Speed low friction technology for easy cable pulling
Excellent electrical, thermal, and physical properties
Excellent moisture resistance, exceeding UL 44 requirements
Excellent resistance to crush, compression cuts and heat deformation
Excellent flame resistance
Oil and chemical resistant
UV/sunlight-resistant
Stable electrical properties over a broad temperature range
Meets cold bend and cold impact test at -40°C

Compliances:
Industry Compliances:
• XHHW-2-LSHF per UL 44, UL File number E94444
• (c)(UL) RW90 per CSA C22.2 No. 36-14
• ST-1 Limited Smoke per UL 44 and UL 1685

Table: GenFree® II High Speed - Conductor and Insulation Specifications

<table>
<thead>
<tr>
<th>Catalog Number</th>
<th>Cond. Size (AWG or kcmil)</th>
<th>Number of Wires</th>
<th>Nominal Cond. Diameter</th>
<th>Minimum Avg. Insulation Thickness</th>
<th>Nominal Cable Diameter</th>
<th>COPPER Weight</th>
<th>Net Weight</th>
<th>Ampacity**</th>
<th>Ampacity**</th>
<th>Ampacity**</th>
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</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>Inches</td>
<td>mm</td>
<td>Inches</td>
<td>mm</td>
<td>Inches</td>
<td>mm</td>
<td>LBS/1000 FT</td>
<td>kg/km</td>
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<tr>
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<td>14 Solid</td>
<td>0.07 1.78</td>
<td>0.030 0.76</td>
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<td>12 18</td>
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<td>25</td>
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<tr>
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<tr>
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<td>0.030 0.76</td>
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<td>46 61</td>
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<td>35</td>
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</tr>
</tbody>
</table>

Dimensions and weights are nominal; subject to industry tolerances.

** Allowable ampacities shown are for general use as specified by the National Electric Code (NEC®), 2017 Edition, Section 310, 15(b)(16). Adjustments and corrections may apply.

90°C - Wet or dry locations. For ampacity derating purposes.

Dwelling - For dwelling units, conductors shall be permitted as listed ampacities at 120/240-volt, 3-wire, single-phase services and feeders.

Going Green with General Cable:
General Cable has accelerated its environmental commitment, addressing its green alternative approach by identifying greener opportunities and promoting green cabling solutions wherever feasible. This includes promoting our existing green products, partnering with key customers in their green endeavors, identifying and providing for green product gaps, and participating as a member of the United States Green Building Council (USGBC).

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(5/2018)