SINGLE CONDUCTOR

DESCRIPTION:
Single tinned copper conductor, stranded and insulated with moisture and heat resistant, chemically crosslinked polyethylene. **Available in colors.**

APPLICATION:
Suitable for use in 105°C dry systems.

SWITCHBOARD WIRE
SIS or RW90
600/1,000 Volt Copper

**STANDARDS:**
UL 44
C(UL)US: UL Listed/C(UL): Certified by UL for use in Canada
(#14 AWG and larger)
ICEA S-95-658/NEMA WC-70
Flame Rated: UL 1581, VW-1 (#14 AWG and larger)
Dual Rated Type XHHW-2 (#14 AWG and larger), UL 66 Fixture Wire (#16 AWG)
Temperature Rated at 90°C Wet/Dry, Cold Temperature Rated at -40°C
Sunlight Resistant (#16 AWG and #6 AWG), Gasoline and Oil Resistant II
RoHS Compliant

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**FLEX-STRAND**

<table>
<thead>
<tr>
<th>Catalog Number</th>
<th>Size (AWG)</th>
<th>Stranding Flex-Strand (no.)</th>
<th>Stranding Class B (no.)</th>
<th>Insulation Thickness (mils)</th>
<th>Nominal Diameter Overall (in.)</th>
<th>Approx. Net Weight (lbs/1000')</th>
<th>Ampacity** (30°C ambient) 600/1000V</th>
<th>90ºC Wet/Dry</th>
</tr>
</thead>
<tbody>
<tr>
<td>SIST16</td>
<td>16*</td>
<td>26</td>
<td>7</td>
<td>30</td>
<td>0.121</td>
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<td>41</td>
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<td>19</td>
<td>25***</td>
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<tr>
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<td>SIST10VW</td>
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<td>SIST6VW</td>
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<td>0.274</td>
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<td>75</td>
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</tbody>
</table>

*#16 AWG is OFHN 2 600V, NOTE: Copper Conductor available Non-Tinned.
**Per NEC Table 310.15 (B)(17).
***The overcurrent protection for items marked *** shall not exceed 15 amps for #14 AWG, 20 amps for #12 AWG, and 30 amps for #10 AWG per NEC 310-16 footnote.
NOTE: The data shown is approximate and subject to standard industry tolerances.