# Hook Up Wire 300V

**Eland Product Group:** A2U

## APPLICATION

For general purpose internal wiring of electronic and electrical equipment, where exposed to oil at a temperature not exceeding 60°C or 80°C. Uniform insulation thickness of wire to ensure easy stripping and cutting. Resistant to acids, alkalis, oils, moisture and fungi.

## CONSTRUCTION

**Conductor**

Tinned or bare, stranded or solid copper

**Insulation**

PVC (Polyvinyl Chloride)

## CABLE STANDARDS

UL 758, UL 1581, CSA C22-2, UL VW-1, CSA FT1

The electrical and dimensional properties of this product are measured by the Technical and Quality Assurance department at the Eland Cables laboratory. Cable performance in respect of conductor resistance, construction quality (workmanship), dimensional consistency, and other parameters are verified to published standards and approved product drawings. Conformance to RoHS (Restriction of the use of Hazardous Substances) is determined and confirmed.

## CHARACTERISTICS

**Rated Voltage**

300 V

**Temperature Rating**

80°C

**Insulation Colour**

- Black (BK)
- Blue (BL)
- Brown (BR)
- Green (GN)
- Grey (GR)
- Yellow (YW)
- White (WH)
- Violet (VI)
- Pink (PK)

## DIMENSIONS

<table>
<thead>
<tr>
<th>ELAND PART NO.</th>
<th>CONDUCTOR TYPE</th>
<th>CONDUCTOR SPEC</th>
<th>NOMINAL DIAMETER (mm)</th>
<th>NOMINAL THICKNESS (mm)</th>
<th>NOMINAL DIAMETER (mm)</th>
<th>MAX RESISTANCE AT 20°C</th>
<th>MIN INSULATION RESISTANCE AT 20°C ohms/km</th>
<th>DIELECTRIC STRENGTH AC 1MIN V</th>
<th>STANDARD LENGTH Ft(M)</th>
</tr>
</thead>
<tbody>
<tr>
<td>A2U18AWG**</td>
<td>Overall Tinned</td>
<td>18</td>
<td>7/0.404</td>
<td>1.21</td>
<td>0.41</td>
<td>2.03</td>
<td>23.2</td>
<td>15</td>
<td>1500</td>
</tr>
<tr>
<td>A2U20AWG**</td>
<td>Overall Tinned</td>
<td>20</td>
<td>7/0.321</td>
<td>0.96</td>
<td>0.41</td>
<td>1.78</td>
<td>34.2</td>
<td>15</td>
<td>1500</td>
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<tr>
<td>A2U22AWG**</td>
<td>Overall Tinned</td>
<td>22</td>
<td>7/0.254</td>
<td>0.76</td>
<td>0.41</td>
<td>1.58</td>
<td>54.8</td>
<td>15</td>
<td>1500</td>
</tr>
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<td>A2U24AWG**</td>
<td>Overall Tinned</td>
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<td>7/0.203</td>
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<td>0.41</td>
<td>1.43</td>
<td>86</td>
<td>15</td>
<td>1500</td>
</tr>
</tbody>
</table>

**Colour Code:** Black (BK), Blue (BL), Brown (BR), Green (GN), Grey (GR), Yellow (YW), White (WH), Violet (VI), Pink (PK)

Bare and Solid Copper conductors available upon request

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The information contained within this datasheet is for guidance only and is subject to change without notice or liability. All the information is provided in good faith and is believed to be correct at the time of publication. When selecting cable accessories, please note that actual cable dimensions may vary due to manufacturing tolerances.