Curly Flex PVC Cable

Eland Product Group: A2C

APPLICATION
For use in domestic appliances, ceiling to display or cash desk equipment and indoor lighting features.

CONSTRUCTION
Conductor
Class 5 flexible copper conductor according to BS EN 60228 (previously BS 6360)

Insulation
PVC (Polyvinyl Chloride) Type TI2 according to BS EN 50363

Sheath
PVC (Polyvinyl Chloride) Type TM2 according to BS EN 50363

CABLE STANDARDS
Generally to BS EN 50525-2-11

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
Voltage Rating (Uo/U)
300/500V

Temperature Rating
Flexed: -5°C to +60°C

Core Identification
3 core: ● Green/Yellow ● Blue ● Brown
4 core: ● Green/Yellow ● Brown ● Black ● Grey
5 core: ● Green/Yellow ● Blue ● Brown ● Black ● Grey

Sheath Colour
● Black ○ White

A2C

RoHS bsi. CE

Eland Product Group:

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A2C

RoHS bsi. CE

Eland Product Group:
## DIMENSIONS

<table>
<thead>
<tr>
<th>ELAND PART NO.</th>
<th>NO OF CORES</th>
<th>NOMINAL CROSS SECTIONAL AREA mm²</th>
<th>NOMINAL THICKNESS OF INSULATION mm</th>
<th>RADIAL THICKNESS OF SHEATH mm</th>
<th>UNEXTENDED LENGTH mm</th>
<th>EXTENDED LENGTH mm</th>
<th>NOMINAL OVERALL DIAMETER mm</th>
<th>NOMINAL SPIRAL OVERALL DIAMETER mm</th>
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</thead>
<tbody>
<tr>
<td>A2C3075PV*15-45</td>
<td>3</td>
<td>0.75</td>
<td>0.6</td>
<td>0.8</td>
<td>1500</td>
<td>4500</td>
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<td>1500</td>
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<td>A2C3015PV*15-45</td>
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<tr>
<td>A2C4075PV*15-45</td>
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<td>A2C4010PV*15-45</td>
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<td>0.7</td>
<td>1</td>
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<td>0.9</td>
<td>1500</td>
<td>4500</td>
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<td>0.6</td>
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</table>

All dimensions are approximate and may vary slightly at time of production. 
*Eland Part No. shown above designate the sheath colour (*). For each colour substitute * for a colour code as listed below, e.g. A2C3075PVB15-45 = 0.75mm² Black

### Colour Codes

<table>
<thead>
<tr>
<th>CODE</th>
<th>COLOUR</th>
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<th>WHITE</th>
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<tr>
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<td></td>
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<td>W</td>
<td>White</td>
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## CONDUCTORS

**Class 5 Flexible Copper Conductors for Single Core and Multi Core Cables**

<table>
<thead>
<tr>
<th>NOMINAL CROSS SECTIONAL AREA</th>
<th>MAXIMUM DIAMETER OF WIRES IN CONDUCTOR</th>
<th>MAXIMUM RESISTANCE OF CONDUCTOR AT 20°C</th>
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</thead>
<tbody>
<tr>
<td>mm²</td>
<td>mm</td>
<td>Plain Wires ohms/km</td>
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<tr>
<td>0.75</td>
<td>0.21</td>
<td>26</td>
</tr>
<tr>
<td>1</td>
<td>0.21</td>
<td>19.5</td>
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<tr>
<td>1.5</td>
<td>0.26</td>
<td>13.3</td>
</tr>
<tr>
<td>2.5</td>
<td>0.26</td>
<td>7.98</td>
</tr>
</tbody>
</table>

The above table is in accordance with BS EN 60228 (previously BS 6360)

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.