EAXVB 1kV Cable

Eland Product Group: B1V

APPLICATION
The EAXVB 1kV cable can be used as distribution or connection cable in underground domestic or industrial installations. This cable is suitable for installation in cable duct, cable tray, tube, in ground with protection, open air and in industries or houses.

CHARACTERISTICS

Voltage Rating
Uo/U
0.6/1kV

Temperature Rating
Operating: 0°C to +90°C
Minimum Installation: 0°C

Minimum Bending Radius
20 x overall diameter

CONSTRUCTION

Conductor
Class 1 solid aluminium

Insulation
XLPE (Cross-Linked Polyethylene)

Filler
PVC (Polyvinyl Chloride)

Outer Sheath
PVC (Polyvinyl Chloride)

Core identification
4 core: Blue Brown Black Grey
4 core earth: Green/Yellow Brown Black Grey

Sheath Colour
Black

STANDARDS

NBN HD 603 Part 5/ Sect.A

UKAS LABORATORY TESTED
This product is subject to the Quality Assurance protocols of The Cable Lab®, a UKAS accredited ISO 17025 cable testing laboratory. Testing includes vertical flame, conductor resistance, tensile & elongation, and dimensional consistency, verified to published standards and approved product drawings.

REGULATORY COMPLIANCE
This cable meets the requirements of the Low Voltage Directive 2014/35/EU and the RoHS Directive 2011/65/EU. RoHS compliance has been tested and confirmed by The Cable Lab® as meeting the requirements of the BSI RoHS Trusted Kitemark™.
## 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>NOMINAL THICKNESS OF OUTER SHEATH mm</th>
<th>NOMINAL OUTER DIAMETER mm</th>
<th>NOMINAL WEIGHT kg/km</th>
</tr>
</thead>
<tbody>
<tr>
<td>B1V04095</td>
<td>4</td>
<td>95</td>
<td>1.1</td>
<td>2.7</td>
<td>34.0</td>
<td>1802</td>
</tr>
<tr>
<td>B1V04150</td>
<td>4</td>
<td>150</td>
<td>1.4</td>
<td>3.0</td>
<td>42.14</td>
<td>2764</td>
</tr>
</tbody>
</table>

## ELECTRICAL CHARACTERISTICS

<table>
<thead>
<tr>
<th>NOMINAL CROSS SECTIONAL AREA mm²</th>
<th>CURRENT CARRYING CAPACITY A</th>
</tr>
</thead>
<tbody>
<tr>
<td>95</td>
<td>230</td>
</tr>
<tr>
<td>150</td>
<td>300</td>
</tr>
</tbody>
</table>

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.