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 $U_0/U$
0.6/1kV

Temperature Rating
Operating: 0ºC to +90ºC
Minimum Installation: 0ºC

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

ISO/IEC 17025 LABORATORY TESTED
This product is subject to the Quality Assurance protocols of The Cable Lab®, an ISO/IEC 17025 accredited 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 is compliant with European Regulation EN 50575, the Construction Products Regulation.

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>
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</thead>
<tbody>
<tr>
<td>B1V04095</td>
<td>4</td>
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### ELECTRICAL CHARACTERISTICS

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