# 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 is 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

## THE CABLE LAB®

AN ISO/IEC 17025 AND IECEE CBTL ACCREDITED FACILITY

Our world-class testing facility assures the quality and compliance of this cable through a continuous and rigorous testing regime.

## SUSTAINABILITY COMMITMENT

We are on a journey to Net Zero.

We've committed to near-term emissions reductions and a net-zero target with the Science Based Targets initiative and we're a signatory to the United Nations Global Compact Sustainable Development Goals.

Learn more about embodied carbon and our carbon emissions reduction actions, our comprehensive recycling services, and wider ESG activities for sustainable operations at: www.elandcables.com/company/about-us/esg-sustainability

## 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, the RoHS Directive 2015/65/EU and Reach Directive EC 1907/2006. RoHS compliance has been tested and confirmed by The Cable Lab®.

## DIMENSIONS

| ELAND PART NO. | NO. OF CORES | NOMINAL CROSS SECTIONAL AREA mm² | NOMINAL THICKNESS OF INSULATION mm | NOMINAL THICKNESS OF OUTER SHEATH mm | NOMINAL OUTER DIAMETER mm | NOMINAL WEIGHT kg/km |
|---|---|---|---|---|---|---|
| B1V04095 | 4 | 95 | 1.1 | 2.7 | 34.0 | 1802 |
| B1V04150 | 4 | 150 | 1.4 | 3.0 | 42.14 | 2764 |

## ELECTRICAL CHARACTERISTICS

| NOMINAL CROSS SECTIONAL AREA mm² | CURRENT CARRYING CAPACITY A |
|---|---|
| 95 | 230 |
| 150 | 300 |





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